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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday January 4. [No. 1.

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday the deaths registered in the Metropolitan districts amounted to 1369. Taking ten corresponding weeks, namely, the first in each of the last ten years (1841-50), it will be seen that the present return shows a greater number than in any year except 1845, when the deaths rose to 1417; and 1847, when they were 1510, during a week of low temperature (the mean reading of the thermometer having scarcely exceeded 29°). In 1848 the deaths of the week amounted to 1364, when the mortality was aggravated by influenza, which had not disappeared, but was rapidly on the decline. The average of the ten weeks was 1167, which, if corrected for increase of population, becomes 1273. The zymotic or epidemic class of fatal diseases, which in the present return numbers 239 cases, exhibits little difference when compared with the previous week; but the class comprising affections of the respiratory organs, shows a considerable advance, the deaths therein enumerated having risen from 264 to 321, a result probably due to unseasonable warmth and moisture of the weather. It will be observed, with a mean daily temperature which has been throughout the week much higher than is usual at this season, having ranged from 5 to 14 degrees above the average, that whereas bronchitis, pneumonia, and phthisis (or consumption) were fatal in 120, 90, and 124 cases respectively in the previous week, they have now risen to 152, 101, and 147. Diseases of the organs of respiration, exclusive of hooping cough and phthisis, were fatal in the aggregate, last week, to 321 persons, whilst the corrected average is only 257.

Amongst epidemics, small-pox carried off 24 children, and 4 men who had turned 20 years of age; measles 29 children, scarlatina 14, hooping cough 58, and croup 9. Typhus destroyed 48 persons of various ages (rather more than the average); influenza 5; erysipelas 14; diarrhœa 19. A case of cholera, described as Asiatic, is recorded, of which the particulars are given as follow:—On the 30th Dec., at the Mile-end Workhouse, a chemist, aged 66 years, "Cholera Asiatic (24 hours)." He came from Shadwell to the Workhouse, of which he had been an inmate 3 years; he was a paralytic, and was suddenly seized with cholera on Sunday.

But the sum of mortality, entered in the Register-books last week, is, as before, considerably swelled by more than the fair contingent of cases on which Inquests have been held, many at earlier dates, and a great majority of which fall under the several descriptions of *poison*, *improper medicine*, *burns and scalds*, *hanging and suffocation*, *drowning*, *fractures*, *contusions*, and other injury. Six persons died from poison, among whom was an infant, on the 26th inst., to which the nurse had given Dover's powder (containing opium) by mistake, the medicine

having been intended for the mother. Of 27 persons who met death from burns or scalds, 21 were children, and in 16 cases the accident occurred from the clothes taking fire. Sixteen deaths occurred from drowning, and 48 from fractures, wounds, &c.. of which 16 were by falls on the streets or from windows, stairs, and scaffolds; 3 by falls on board ship, 10 by horses and carriages, 4 by machinery. A man was suffocated on a lime-kiln; and 3 children in the bed-clothes. Nine children died from want of breast-milk; a man from privation, besides a child of 7 months "from disease of the head and scanty supply of food." Two men were the victims of intemperance, besides two who received fatal injury when in a state of intoxication.

The births of 829 boys and 763 girls, in all 1592 children, were registered in the week. The average number in corresponding weeks of 6 years (1845—50) was 1469.

At the Royal Observatory, Greenwich, the mean reading of the barometer was above 30 in. on Sunday; the mean of the week was 29·751 in. The mean daily temperature fluctuated between 44° and 52°; and on each day of the week it was considerably higher than the average of the same day in 10 years, on Sunday the excess being 5°·6, on Monday 8°·9, on Tuesday 11°·6, on Wednesday 13°·9, on Thursday 12°·1, on Friday 7°·1, and on Saturday 5°·1. The mean of the week was 47°·1. The wind was generally in the south-west.

The following selections are made from the Registrars' Reports:—

In St. Clement Danes, at 4 White Horse-yard, on 30th December, the daughter of a shoemaker, aged 2 years, died of "pertussis (5 weeks), convulsions (7 hours)." "This," says Mr. Jones, "is the second death within ten days from hooping-cough. The house is close, crowded, and very badly drained."

In Haggerstone West, at the Workhouse, Kingsland-road, on the 30th December, a girl, aged 18 months, died of "hooping-cough." Mr. Bowring states, that "this child and another were left with a poor woman to be taken care of during the day, while the mother was at work. The mother called in the evening for them three times, but finally abandoned them entirely, and has not been heard of since."

In Hackney-road sub-district, at 28 Turville-street, on 26th December and 3rd January, the two sons of a labourer, aged respectively 6 and 4 years, died, one of "hooping-cough (14 days), convulsions (2 days);" the other of "hooping-cough (9 days), pneumonia (5 days)." Mr. Murray remarks, that "the two deaths occurred in a close and overcrowded house and neighbourhood; the drains had been recently cleaned. A third death was daily expected."

In St. George-in-the-East (St. John) at the Workhouse, brought from 19 Raymond-place, on 28th December, the son of a labourer, aged 5 years, died of fever. It is stated by Mr. Verrall, that this is the second fatal case of fever from the same house (which is very old) within a month, and he has been informed that a third case was removed to the Fever Hospital.

In Shadwell, at 10 Elm-row, on 29th December, the son of a labourer, aged 5 weeks, died of "small-pox (13 days), not vaccinated." "This is the second death," says Mr. Ross, "in the same family from this loathsome disease, in consequence of the father entertaining objections to vaccination."

Mr. Butterfield, Registrar of Islington (East Sub-district), makes the following statement: "Out of 23 persons registered this week, five, 2 males and 3 females, were between 60 and 70 years; six, 2 males and 4 females, were between 70 and 80 years; six, 2 males and 4 females, above 80 years. The proportion of aged persons is unexampled in this district."

The 28 deaths from small-pox are thus distributed over the Metropolis:—In Paddington,

1 in St. Mary sub-district, 2 in St. John; in Chelsea (North-west), 1; in Westminster (St. Margaret), 1; in Charing-cross sub-district, 1; in Marylebone, 3 in Lisson-grove, and 2 in the St. John sub-district; in Islington, at the Small-pox Hospital, 2; in St. Giles (South), 2; in Clerkenwell (St. James), 3; in St. Luke (City-road sub-district) 1, White-cross-street sub-district, 1; in Cripplegate, 2; in Hackney-road sub-district, 1; in Shadwell, 1; in Ratcliff, 1; in Limehouse, 1; in Bermondsey (Leather Market), 2. All the fatal cases occurred, as is shown by the above statement, on the north side of the river, with the exception of two. Of the 28 deceased persons, only two are stated to have been vaccinated: regarding the rest, it is either expressly mentioned that they had not been protected, or the fact of vaccination is not reported.

An analysis of the 1369 cases registered last week, shows that:—

The causes of death were certified by written statements of medical attendants, in	1138 cases.
Coroners' Inquests on others were held in	184 „
Medical attendance was not obtained (nor Inquests held) in	23 „
Causes of death were *not* certified (or only by oral statement of medical man or informant) in	24 „
Total . .	1369

Hence it appears that the causes of death certified by the medical profession, form 83 per cent. of the total number; and those which became the subjects of inquiry before Coroners' juries, and which are generally recorded when ascertainable, are in the proportion of 13 per cent. in last week's registration.

BIRTHS Registered LAST WEEK, and in the First Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1462	1471	1650	1376	1312	1542	1469	1592
Males. . .	737	746	861	701	726	816	765	829
Females . .	725	725	789	675	586	726	704	763

DEATHS Registered LAST WEEK, and in the First Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		1191	971	869	933	1417	1153	1510	1364	1131	1133	1167·2	1369
Males . .		581	450	451	487	718	583	759	683	565	578	585·5	693
Females .		610	521	418	446	699	570	751	681	566	555	581·7	676
	Ages.												
Deaths at three periods of life . .	0—15	495	414	396	453	620	527	567	663	587	447	516·9	553
	15—60	363	319	287	272	453	382	498	421	326	406	372·7	485
	60 & up.	329	238	186	194	343	243	444	280	214	274	274·5	330

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851			
	23°·8	31°·3	35°·7	40°·5	38°·5	41°·1	29°·4	40°·3	30°·7	35°·4	Mean 34°·7	47°·1—Jan. 4.			
	Jan. 9 1841	Jan. 8 1842	Jan. 7 1843	Jan. 6 1844	Jan. 4 1845	Jan. 3 1846	Jan. 2 1847	Jan. 8 1848	Jan. 6 1849	Jan. 5 1850	Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	1191	971	869	933	1417	1153	1510	1364	1131	1133	11672	553	485	330	1369†
SPECIFIED CAUSES	1183	961	866	914	1413	1143	1502	1363	1129	1126	11600	550	484	329	1364†
1. Zymotic Diseases	227	139	153	177	260	229	170	420	359	179	2313	178	43	18	239
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	80	75	64	64	82	50	55	30	42	54	596	7	18	29	54
3. Tubercular Diseases	146	183	144	164	188	180	200	195	165	186	1751	57	133	10	201†
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	145	112	122	128	162	142	196	139	109	146	1401	44	34	41	119
5. Diseases of the Heart and Blood-vessels	36	25	37	25	45	47	70	23	39	42	389	5	35	23	63
6. Diseases of the Lungs, and of the other Organs of Respiration	269	168	148	170	301	181	402	288	203	232	2362	127	102	92	321
7. Diseases of the Stomach, Liver, and other Organs of Digestion	72	66	51	48	77	64	78	70	60	63	649	23	35	15	73
8. Diseases of the Kidneys, &c.	4	5	6	9	11	13	13	7	7	15	90	..	6	6	12
9. Childbirth, Diseases of the Uterus, &c.	12	8	10	8	13	15	18	9	7	6	106	..	7	1	8
10. Rheumatism, Diseases of the Bones, Joints, &c.	7	3	6	5	10	7	14	8	13	10	83	1	4	2	7
11. Diseases of the Skin, Cellular Tissue, &c.	..	1	1	..	..	5	3	3	2	1	16	1	..	..	1
12. Malformations	..	..	..	2	4	6	3	3	4	4	26	1	..	..	1
13. Premature Birth & Debility	21	29	11	16	33	21	38	16	24	31	240	33	1	..	34
14. Atrophy	6	5	5	12	18	11	13	36	23	17	146	14	..	2	16
15. Age	110	72	73	54	110	54	103	67	47	69	759	..	..	59	59
16. Sudden	19	30	24	13	33	23	38	14	6	22	222	12	11	9	32
17. Violence, Privation, Cold, and Intemperance	29	40	11	19	66	95	88	35	19	49	451	47	55	22	124
1.—Small-pox	86	5	14	16	61	7	7	29	29	8	262	24	4	..	28
Measles	27	32	24	25	57	67	10	48	15	33	338	29	..	..	29
Scarlatina	26	8	27	47	37	19	16	57	81	31	349	14	..	..	14
Hooping Cough	27	56	31	28	30	63	42	29	59	23	388	58	..	..	58
Croup	3	6	9	4	9	4	5	7	8	4	59	9	..	..	9
Thrush	2	3	3	7	7	4	4	6	2	4	42	1	..	..	1
Diarrhœa	8	3	11	7	4	10	11	17	15	8	94	10	6	3	19
Dysentery	3	2	2	2	1	2	3	4	2	6	27	1	..	..	1
Cholera	..	..	2	1	1	..	..	1	61	1	67	..	..	1	1
Influenza	..	2	1	8	3	2	8	102	5	5	136	1	2	2	5
Purpura and Scurvy	..	..	..	1	..	..	..	1	1	1	4	..	..	..	..
Ague	..	1	2	..	..	..	..	1	..	..	4	..	..	..	..
Remittent Fever	3	..	..	1	1	..	2	1	2	..	10	2	..	1	3
Infantile Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Typhus	33	17	18	23	39	41	49	87	56	36	399	21	22	5	48
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	5	9	3	17	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	3	1	1	5	..	1	..	1
Erysipelas	9	4	7	7	8	7	12	19	12	12	97	4	4	6	14
Syphilis	..	..	2	..	2	2	1	3	1	2	13	3	1	..	4
Noma (or Canker)	*	*	*	*	..	..	..	..	..	1	1	1	..	..	1
Hydrophobia	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
2.—Hæmorrhage	10	2	4	4	7	12	8	5	2	5	59	2	6	3	11
Dropsy	49	56	43	42	39	11	21	5	16	20	302	3	3	12	18
Abscess	4	2	2	4	2	3	..	..	1	2	20	..	1	..	1
Ulcer	..	..	..	1	1	1	2	1	..	1	7	1	..	1	2
Fistula	1	..	1	1	..	2	..	1	..	..	6	..	..	1	1
Mortification	2	4	6	3	2	3	8	4	8	6	46	..	1	3	4
Cancer	12	9	6	8	30	18	15	14	14	20	146	1	7	7	15
Gout	2	2	2	1	1	..	1	..	1	..	10	..	..	2	2
3.—Scrofula	3	3	1	7	3	4	3	5	8	6	43	3	6	..	9
Tabes Mesenterica	3	8	3	6	14	8	16	15	15	11	99	11	..	1	12
Phthisis (or Consumption)	117	141	116	111	137	121	141	150	119	129	1282	10	127	9	147†
Hydrocephalus	23	31	24	40	34	47	40	25	23	40	327	33	..	..	33

† The age of a person who died of "*Phthisis*" was not stated.

in the First Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Weekending Saturday.											1851			
	23°·8	31°·3	35°·7	40°·5	38°·5	41°·1	29°·4	40°·3	30°·7	35°·4	Mean 34°·7	47°·1—Jan. 4.			
	Jan. 9 1841	Jan. 8 1842	Jan. 7 1843	Jan. 6 1844	Jan. 4 1845	Jan. 3 1846	Jan. 2 1847	Jan. 8 1848	Jan. 6 1849	Jan. 5 1850	Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	14	6	13	11	16	10	11	13	9	8	111	4	1	1	6
Apoplexy	22	14	17	31	35	32	47	22	19	37	276	2	9	12	23
Paralysis	24	23	9	16	25	26	33	32	25	46	259	..	13	22	35
Delirium Tremens	3	2	..	1	4	5	2	2	7	1	27	..	1	..	1
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy	5	5	5	3	10	7	10	3	6	5	59	..	6	1	7
Tetanus	..	1	1	2	..	..	..	..	..	1	5	..	..	..	..
Insanity	..	..	..	1	..	5	3	3	..	4	16	..	3	..	3
Convulsions	66	53	62	50	56	46	67	55	35	31	521	35	..	..	35
Disease of Brain, &c.	11	8	15	13	16	11	23	9	8	13	127	3	1	5	9
5.—Pericarditis	1	..	1	2	1	1	3	..	2	..	11	2	1	2	5
Aneurism	2	1	..	1	4	1	..	1	2	2	14	..	2	1	3
Disease of Heart, &c.	33	24	36	22	40	45	67	22	35	40	364	3	32	20	55
6.—Laryngitis	..	..	..	1	1	..	5	4	5	3	19	8	3	..	11
Bronchitis	35	20	14	23	57	59	163	106	86	103	666	37	53	62	152
Pleurisy	..	2	..	1	3	6	6	10	3	3	34	..	5	2	7
Pneumonia	126	84	94	95	140	76	133	125	84	95	1052	79	11	11	101
Asthma	90	45	26	33	69	22	71	26	16	19	417	..	21	16	37
Disease of Lungs, &c.	18	17	14	17	31	18	24	17	9	9	174	3	9	1	13
7.—Teething	28	13	14	12	23	13	13	12	11	12	151	14	..	..	14
Quinsey	3	2	2	..	3	..	3	6	4	3	26	2	1	1	4
Gastritis }	19	21	12	2	4	2	3	1	..	4	130	..	1	..	1
Enteritis }				8	8	10	8	12	9	7		3	2	3	8
Peritonitis	..	4	2	3	2	1	8	2	4	8	34	..	1	1	2
Ascites	..	1	..	1	2	2	1	1	..	2	10	..	2	1	3
Ulceration (of Intestines)	3	2	1	..	1	2	3	2	2	2	18	2	..	..	2
Hernia	4	4	2	5	5	5	5	3	3	..	36	..	2	1	3
Ileus	3	3	1	4	4	4	5	3	2	3	32	..	2	..	2
Intussusception	..	..	..	1	2	1	..	..	1	..	5	..	..	..	..
Stricture of Intestinal Canal	..	..	1	..	..	1	2	..	..	1	5	..	1	..	1
Disease of Stomach, &c.	6	4	5	4	4	10	8	10	9	6	66	2	2	1	5
Disease of Pancreas	*	*	*	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	1	..	..	3	2	3	4	5	2	21	..	5	1	6
Jaundice	..	1	3	..	4	4	2	3	2	4	23	..	3	..	3
Disease of Liver	5	10	8	8	12	7	14	11	8	9	92	..	13	6	19
Disease of Spleen	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8.—Nephritis	..	..	..	1	..	1	..	..	..	..	2	..	..	1	1
Nephria (or Bright's Disease)	..	..	..	..	..	..	..	1	3	1	5	..	4	..	4
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diabetes	..	2	1	1	1	..	1	1	1	..	8	..	1	1	2
Stone	2	..	1	..	..	1	..	..	..	2	6	..	..	..	..
Cystitis	..	1	..	2	..	..	..	1	..	1	5	..	..	..	..
Stricture of Urethra	1	1	2	1	3	1	2	..	..	1	12	..	1	1	2
Disease of Kidneys, &c.	1	1	2	4	7	10	10	4	3	10	52	..	..	3	3
9.—Paramenia	..	..	..	..	..	..	..	1	..	1	2	..	..	..	..
Ovarian Dropsy	..	..	1	1	..	1	1	..	2	2	8	..	..	..	..
Childbirth (*see* Metria)	8	6	8	4	13	9	14	5	4	2	73	..	6	..	6
Disease of Uterus, &c.	4	2	1	3	..	5	3	3	1	1	23	..	1	1	2
10.—Arthritis	..	..	..	..	..	..	..	1	..	1	2	..	..	..	..
Rheumatism	4	..	4	2	..	2	8	1	4	7	32	1	3	2	6
Disease of Joints, &c.	3	3	2	3	10	5	6	6	9	2	49	..	1	..	1
11.—Carbuncle	..	..	..	..	..	..	1	1	..	..	2	..	..	..	..
Phlegmon	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Disease of Skin, &c.	..	1	1	..	..	5	2	2	2	..	13	1	..	..	1
17.—Intemperance	..	1	1	..	2	1	3	..	..	..	8	..	2	..	2
Privation of Food	1	..	..	2	..	2	4	5	1	1	16	..	1	..	1
Want of Breast-milk	*	*	*	*	*	*	*	4	..	1	5	9	..	..	9
Neglect	*	*	*	*	*	*	*	1	..	..	1	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	3	1	2	6	3	3	..	6
Burns and Scalds	*	*	*	*	*	*	*	5	4	13	22	21	3	3	27
Hanging and Suffocation	*	*	*	*	*	*	*	1	2	7	10	6	7	2	15
Drowning	*	*	*	*	*	*	*	6	1	10	17	3	12	1	16
Fractures	*	*	*	*	*	*	*	9	7	15	31	5	23	13	41
Wounds	*	*	*	*	*	*	*	1	2	..	3	..	4	2	6
Other Violence	*	*	*	*	*	*	*	*	1	..	1	..	..	1	1
All Violence	28	39	10	17	64	92	81	25	18	47	421	38	52	22	112
Causes not specified	8	10	3	19	4	10	8	1	2	7	72	3	1	1	5

DEATHS Registered in the FIRST WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			23°·8	31°·3	35°·7	40°·5	38°·5	41°·1	29°·4	40°·3	30°·7	35°·4	Mean 34°·7	47°·1
	1831	1841	Jan. 9 1841	Jan. 8 1842	Jan. 7 1843	Jan. 6 1844	Jan. 4 1845	Jan. 3 1846	Jan. 2 1847	Jan. 8 1848	Jan. 6 1849	Jan. 5 1850	Sum of 10 Weeks.	Jan. 4 1851
LONDON	1654994	1948369	1191	971	869	933	1417	1153	1510	1364	1131	1133	11672	1369
1–6. WEST DISTRICTS .	252761	301189	165	145	130	139	246	168	202	167	157	143	1662	204
7–11. NORTH DISTRICTS .	306185	376568	212	174	151	172	266	226	268	257	210	220	2156	244
12–19. CENTRAL DISTRICTS	355502	374199	260	174	164	185	265	178	293	213	203	198	2133	223
20–25. EAST DISTRICTS .	330736	393067	267	223	213	210	270	248	361	334	207	235	2568	305
26–36. SOUTH DISTRICTS .	409810	503346	287	255	211	227	370	333	386	393	354	337	3153	393
1. Kensington . . HL	52981	74881	31	41	28	27	53	45	59	49	41	39	413	53
2. Chelsea . . . *W*H	32371	40243	25	23	24	21	35	30	25	31	31	30	275	33
3. St.GeorgeHanover-sq.H	58209	66657	45	21	28	33	53	34	35	24	27	25	325	34
4. Westminster HHPP	48177	56802	30	34	27	29	55	28	53	40	35	24	355	47
5. St.Martin-in-the-Flds. H	23970	25132	17	9	14	13	20	16	14	9	9	13	134	18
6. St. James Westminster	37053	37457	17	17	9	16	30	15	16	14	14	12	160	19
7. Marylebone . . . H	122206	138383	101	65	68	67	104	93	121	91	70	70	850	61
8. Hampstead	8588	140078	*	*	*	*	*	*	8	4	1	6	19	4
9. Pancras . . *W*HH	103548		66	58	58	73	104	83	88	98	92	92	812	95
10. Islington . . . HP	37316	55779	27	26	15	19	32	34	32	39	26	34	284	54
11. Hackney . . . . H	34527	42328	18	25	10	13	26	16	19	25	21	18	191	30
12. St. Giles	52907	54378	46	24	31	35	40	22	37	38	26	27	326	23
13. Strand (wkh. in 9) . H	42015	43667	26	19	10	24	23	20	37	21	22	28	230	22
14. Holborn	42696	44532	32	14	16	12	19	11	35	21	20	16	196	26
15. Clerkenwell . . PP	47634	56799	37	23	32	30	29	21	41	26	29	21	289	45
16. St. Luke (wkh. in 20) L	46642	49908	29	23	12	29	31	30	48	40	22	23	287	32
17. East London . . . P.	38311	39718	28	22	18	18	36	21	31	26	25	28	253	27
18. West London *W*HPPP	28217	29188	39	34	29	21	43	30	36	24	34	26	316	19
19. City of Lon. (wkh. in 25)	57080	56009	23	15	16	16	44	23	28	17	25	29	236	29
20. Shoreditch . . *W*L	68564	83564	59	38	52	54	76	55	63	79	38	36	550	56
21. Bethnal Green . . L	62018	74206	46	38	34	27	39	40	52	54	40	44	414	54
22. Whitechapel . . . H	64141	71879	59	37	57	44	45	62	85	59	43	50	541	77
23. St. George-in-the-East .	38505	41416	38	31	21	20	36	22	34	36	18	21	277	28
24. Stepney . . . . H	72442	90831	53	62	39	50	58	58	86	68	46	52	572	68
25. Poplar . . . *W*L	25066	31171	12	17	10	15	16	11	41	38	22	32	214	22
26. St. Saviour . . HH	31711	33027	26	19	21	30	32	19	39	29	25	22	262	25
27. St. Olave . . . HH	20021	19869	32	21	13	18	36	21	19	20	18	19	217	18
28. Bermondsey	29741	35002	25	29	15	16	14	18	25	20	18	25	205	32
29. St. Geo. Southwk. LPP	39769	46718	29	20	17	16	33	41	35	35	30	23	279	25
30. Newington . . . P	44526	54693	29	23	32	26	33	26	32	51	35	36	323	40
31. Lambeth	87856	116072	56	60	56	51	92	85	82	92	62	67	703	83
32. Wandsworth . . L	33090	39918	*	*	*	15	27	13	17	29	76	19	196	29
33. Camberwell . . LL	28231	39931	25	15	15	17	33	19	26	29	23	33	235	24
34. Rotherhithe	12875	13940	17	15	5	6	12	13	16	9	3	8	104	8
35. Greenwich . HHHP	63564	81125	48	53	37	32	58	78	86	72	52	67	583	97
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	9	7	12	18	46	12

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 11672; which divided by 10 gives nearly 1167 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1851, by adding to it an eleventh part; thus, 1167 divided by 11 is 106 nearly, which added to 1167, makes the corrected average 1273. The corrected average for small-pox, (see page 4,) or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 262 in 10 weeks; the average was 26; the corrected average 28. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5{\cdot}5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	2	1	3
1 Kensington [Town]	1	1	2
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	1	4	5
2 *St. George Hanover Square* [*Chelsea N.W.*]	.	.	.
3 St. George Hanover Square [May Fair]	.	.	.
4 Westminster [St. Margaret]	2	1	3
5 St. Martin-in-the-Fields [Charing Cross]	.	.	.
6 St. James Westminster [Golden Square]	2	1	3
7 Marylebone [Rectory]	1	3	4
9 *Strand* [*Tottenham Court*]	1	.	1
9 Pancras [Camden Town]	3	5	8
10 Islington [West]	1	.	1
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	.	4	4
14 Holborn [St. Andrew East]	1	1	2
15 Clerkenwell [St. James]	.	5	5
17 East London [St. Botolph]	.	2	2
18 *East London* [*West London North*]	.	.	.
18 West London [North]	2	.	2
20 Shoreditch [Haggerstone West]	3	4	7
20 *St. Luke* [*Hoxton New Town*]	2	1	3
21 Bethnal Green [The Green]	3	5	8
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	6	4	10
23 St. George-in the-East [St. John]	3	3	6
24 Stepney [Shadwell]	.	1	1
24 Stepney [Ratcliff]	1	.	1
24 Stepney [Mile End Old Town Lower]	3	.	3
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City* [*Bow*]	.	.	.
25 Poplar [Poplar]	2	1	3
26 St. Saviour [Christchurch]	2	1	3
27 St. Olave [St. John Horselydown]	1	1	2
28 Bermondsey [St. Mary Magdalen]	.	1	1
29 St. George Southwark [Borough Road]	2	3	5
30 Newington [St. Peter Walworth]	1	1	2
31 Lambeth [Lambeth Church 2nd]	4	5	9
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	1	1	2
32 Wandsworth [Battersea]	2	1	3
33 Camberwell [Camberwell]	.	.	.
34 Rotherhithe	2	1	3
35 Greenwich [East]	2	6	8
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	57	68	125
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	11	.	11
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	1	.	1
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	12	.	12
General Hospitals:—			
3 St. George [Belgrave]	3	3	6
4 Westminster [St. Margaret]	2	4	6
5 Charing Cross [Charing Cross]	5	1	6
7 Middlesex [All Souls]	2	.	2
9 University College [Tottenham Court]	2	3	5
9 Royal Free Hospital [Gray's-inn-lane]	3	1	4
13 King's College [St. Clement Danes]	2	1	3
18 St. Bartholomew [West London North]	2	4	6
22 London [Whitechapel Church]	23	9	32
27 Guy's [St. Olave and St. Saviour]	8	4	12
27 St. Thomas [St. Olave & St. Saviour]	1	2	3
Total	53	32	85
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	2	.	2
10 Fever [Islington West]	1	1	2
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	.	1
Total	4	1	5

	M.	F.	T.
HOSPITALS—*continued.*			
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	1	.	1
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	4	1	5
25 Lunatic Asylum [Bow]	2	.	2
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	1	.	1
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	2	3
33 Peckham House [Camberwell]	1	.	1
33 Camberwell House [Camberwell]	.	2	2
Total	10	5	15
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	1	.	1
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	6	.	6
Total	7	.	7
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	.	.
16 French Hospital [City Road]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24 German Jews Hospital [ditto]	.	.	.
Total	.	.	.
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	1	1	2
4 Penitentiary, Millbank [St. John, ditto]	3	.	3
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	1	.	1
Total	5	1	6
Workhouses	57	68	125
Military and Naval Asylums	12	.	12
General Hospitals	53	32	85
Hospitals for Special Diseases	4	1	5
Lying-in Hospitals	.	.	.
Lunatic Asylums	10	5	15
Military and Naval Hospitals	7	.	7
Hospitals and Asylums for Foreigners	.	.	.
Prisons	5	1	6
Total in Public Institutions	148	107	255

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 4th January, 1851. Under the Superintendence of the Astronomer Royal.

1850. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
DECEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	29	..	30·019	47·3	36·3	44·0	38·5	51·0	37·0	38·4	35·3	5·5	7·2	4·0	+ 5·6	W.S.W.	W.S.W.	2·4	0·0	0·1	175	0·00
MONDAY .	30	..	29·838	50·8	42·4	47·1	44·7	51·5	39·0	40·1	36·5	2·4	4·4	1·2	+ 8·9	W.S.W.	S.W.	3·6	0·0	1·5	195	0·00
TUESDAY .	31	..	29·666	54·1	43·2	49·6	48·5	55·0	43·5	41·8	38·0	1·1	4·0	0·2	+11·6	S.W.	S.W.	5·0	0·0	2·5	260	0·03
1851.—JAN.																						
WEDNESDAY	1	..	29·606	56·5	48·9	51·8	48·9	57·0	45·5	44·6	39·5	2·9	4·6	0·0	+13·9	S.W.	S.W.	5·0	1·0	3·4	320	0·01
THURSDAY .	2	Greatest Dec. S. New.	29·652	53·5	45·1	49·9	44·9	56·0	41·5	45·8	41·0	5·0	6·0	4·2	+12·1	W.S.W.	S.W.	9·6	0·0	3·1	205	0·00
FRIDAY .	3	..	29·802	50·3	44·2	44·8	44·8	52·0	33·0	45·8	40·5	0·0	0·9	0·0	+ 7·1	Calm.	E.N.E. & Calm.	0·0	0·0	0·0	85	0·34
SATURDAY	4	..	29·672	47·0	38·0	42·7	40·1	54·0	35·0	46·1	41·3	2·6	3·5	2·0	+ 5·1	Calm.	S.	1·0	0·0	0·1	80	0·00
MEANS . .		..	29·751	51·4	42·6	47·1	44·3	53·8	39·2	43·2	38·9	2·8	4·4	1·7	+ 9·2	S.W.		..	..	..	Sum 1320	Sum 0·38
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.	GENERAL REMARKS.
SUNDAY . .	The sky was generally covered with cloud throughout the day; cirrostratus. A few drops of rain fell during the evening.
MONDAY . .	The sky was overcast throughout the day; cirrostratus.
TUESDAY .	The sky was overcast throughout the day; cirrostratus. Misty rain fell frequently.
WEDNESDAY	The sky was overcast throughout the day; cirrostratus and scud. Misty rain fell occasionally.
THURSDAY .	The sky was generally covered with cloud throughout the day; cirrostratus and scud.
FRIDAY . .	The sky was overcast throughout the day; cirrostratus. Rain fell generally.
SATURDAY .	The sky was one-half covered by cloud at 9 A.M., overcast at noon, two-thirds covered at 3 P.M., and one-half covered at 9 P.M. Slight rain fell about noon; cirrostratus, fleecy cloud, and scud.

No electricity was shown during the week.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12. are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 48·6°; and the mean reading at 9h. P.M. was 49·9°; the mean readings at the Royal Observatory for the same times were 46·4° and 49·0° respectively.

The reading of the barometer decreased from 30·15 in. at the beginning of the week to 29·59 in. by 9h. P.M. on January 1st; increased to 29·84 in. by 9 A.M. on the 3rd; and decreased to 29·56 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday January 11. [No. 2.

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday, 1023 deaths were registered in the districts of the Metropolis. In the corresponding weeks of the ten years (1841-50), the average was 1162; compared with which the present return exhibits a favourable result. And if it could be safely assumed, notwithstanding the effects of various epidemics, that the population has increased yearly at the rate of 1·55 per cent. (the annual rate of increase observed in London between the two Censuses of 1831 and 1841) and the above average were proportionally augmented, the comparison would show the public health of the week in a still more satisfactory point of view. But it will be found on examination that, in five out of the ten corresponding weeks, the returns differ little from that of last week, or fall much below it, whilst an excessive mortality presses on other parts of the series, the deaths rising to 1450, at one period, when influenza was in the wane, at another, when cholera had broken out in Drouet's Institution, and thus swelling the account above what an average state of health would produce.

The last week exhibits a marked improvement on the first week of the year, chiefly in the decline of fever and the epidemics to which children are subject, but also in the diminished effects of diseases of the respiratory organs. In the previous week the deaths from epidemics in the aggregate were 239, in the last they were 173; and to take particular maladies in this class, there were in the former week, from small-pox, measles, scarlatina, and hooping cough, 28, 29, 14, and 58, respectively; in the last week there were 16, 21, 16, 43; scarlatina alone, which however is now less fatal than usual, not showing a decrease. Typhus has declined in the two weeks from 48 to 35; erysipelas from 14 to 2. Amongst complaints which assume an epidemic character, influenza alone shows any tendency to increase; it has carried off 9 persons in the week, though it usually reaches less than half that number. In connection with three cases of typhus, which proved fatal in three different parts of the Metropolis, the Registrars call attention in their notes to the circumstances in which these events occurred, here "a filthy and overcrowded court," which had been repeatedly complained of as the nursery of disease; at another

place, "miserable huts," which had been constructed without regard to comfort or decency; and in the third case, a small back-room is described, where six persons had been sleeping, and into which air could not penetrate either by means of the chimney or other channel.

Fatal cases arising from affections of the respiratory organs (exclusive of hooping cough and phthisis) are diminished from 321 in the former week, to 275 in the last; and amongst these, laryngitis from 11 to 4, bronchitis from 152 to 136, pneumonia from 101 to 96, and asthma from 37 to 27. In the same period, phthisis exhibits a decrease from 147 to 123.

On the 7th of January, in St. Giles-in-the-Fields, at the Union Workhouse, a woman, who had been a servant, died, as stated in the medical certificate, from "old age and decay," after having reached the extraordinary age of 105 years. Mr. Faulkner, the Registrar, adds, that "this woman retained full possession of all her faculties till within a fortnight of her death." It is not stated, as is desirable in such cases, whether so singular a fact rests on the authority of a parish register or other sufficient evidence.

The births of 792 boys and 788 girls, in all 1580 children, were registered in the week. The average of six corresponding weeks in 1845-50 was 1356.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer, which had fluctuated on the first four days of the week, fell to 29·385 in. on Wednesday, and then rose gradually to 29·998 in. on Saturday. The mean of the week was 29·635 in. The mean daily temperature was lowest on Monday and Thursday, when it was about 38°·5. It was highest on Saturday, when it rose to 48°·2. The mean of the week was 42°·2. On every day the temperature was higher than the average of the same day in ten years. On Tuesday and Wednesday the mean was about 7° above the average; on Friday 8°·5, and on Saturday nearly 12°. The wind was south, and on the last four days was in the south-west.

The following selections are made from the Registrars' Returns:—

In Fulham-fields, at 19, Bedford-place, on 9th January, the son of an Irish labourer, aged 6 years, died of "typhus (2 weeks)." Mr. Knight describes this as "a long row of miserable huts, built a few years ago, without any regard either to comfort or decency. It was at first inhabited by gipsies, and now principally by Irish labourers."

In Hanover-square sub-district, at 1 South Molton-lane, on 6th January, the daughter of a journeyman bootmaker, aged 13 years, died of "typhus gravior." From information given to Mr. Jay, the Registrar, it appears that "the deceased slept with five other persons in a small back room, the fireplace of which was stopped up, and the ventilation otherwise quite deficient."

In the South subdistrict of West London, at 6 Plumtree-court, St. Andrew's, on 6th January, the son of a labourer, aged 10 years, died of "typhus (8 days)." Mr. Nason states that "he has repeatedly reported this court as the very hotbed of all epidemic diseases. It is one of the most filthy and overcrowded courts in the City of London, and in the time of cholera suffered severely."

BIRTHS Registered LAST WEEK, and in the Second Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1311	1250	1347	1436	1421	1369	1356	1580
Males. . .	711	650	660	754	707	688	695	792
Females . .	600	600	687	682	714	681	661	788

DEATHS Registered LAST WEEK, and in the Second Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		1260	1042	953	929	1109	972	1386	1457	1448	1065	1162·1	1023
Males . .		631	522	502	470	555	504	664	755	697	503	580·3	492
Females .		629	520	451	459	554	468	722	702	751	562	581·8	531
	Ages.												
Deaths at three periods of life . .	0—15	489	439	442	437	470	446	511	689	695	372	499·0	451
	15—60	439	321	308	298	366	293	480	455	441	385	378·6	336
	60 & up.	332	281	202	194	273	233	394	311	306	303	282·9	225

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Oct. 19.	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.	Nov. 30.	Dec. 7.	Dec. 14.	Dec. 21.	Dec. 28.	Jan. 4.	Jan. 11.
BIRTHS	1502	1362	1519	1577	1581	1381	1482	1558	1434	1477	1370	1592	1580
DEATHS	860	845	945	921	908	1016	861	1004	1090	1166	1196	1369	1023
DEATHS (except from Violence) . . .	829	829	918	907	888	982	840	989	1068	1114	1144	1257	1009
Deaths (except from Violence) at 60 years and upwards . .	162	166	191	214	180	202	159	218	274	249	219	308	229
Scarlatina	38	32	41	33	39	41	32	35	29	30	22	14	16
Typhus	54	49	65	55	56	47	47	43	37	43	32	48	35
Diarrhœa & Dysentery	37	30	22	20	22	20	14	25	13	18	32	20	16
Cholera	4	3	3	1	..	1	..	..	2	1	..	1	..
Mean Temperature .	49°·0	42°·3	46°·3	50°·2	46°·2	46°·9	40°·5	42°·6	40°·1	38–6	38°·3	47°·1	42°·2

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child-birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," or "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite the above heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.										1851			
	33·4°	31·1°	35·9°	38·9°	40·5°	40·3°	36·8°	36·0°	39·3°	30·3°	Mean 36·3°	42·2°—Jan. 11.			
	Jan. 16	Jan. 15	Jan. 14	Jan. 13	Jan. 11	Jan. 10	Jan. 9	Jan. 15	Jan. 13	Jan. 12	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
ALL CAUSES	1260	1042	953	929	1109	972	1386	1457	1448	1065	11621	451	336	235	1023†
SPECIFIED CAUSES	1250	1037	948	921	1107	968	1381	1453	1440	1056	11561	450	335	235	1021†
1. Zymotic Diseases	199	162	153	190	223	202	166	388	407	185	2275	130	30	13	173
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	75	59	69	64	74	34	45	51	58	41	570	4	19	18	41
3. Tubercular Diseases	193	177	153	172	178	140	232	214	210	181	1850	55	109	5	169
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	129	135	139	110	113	117	155	147	150	114	1309	59	35	25	119
5. Diseases of the Heart and Blood-vessels	22	26	24	29	40	46	67	50	42	52	398	4	22	18	44
6. Diseases of the Lungs, and of the other Organs of Respiration	329	209	189	183	251	206	429	346	325	255	2722	117	68	90	275
7. Diseases of the Stomach, Liver, and other Organs of Digestion	68	49	49	50	74	66	73	65	63	53	610	21	25	9	55
8. Diseases of the Kidneys, &c.	7	7	7	3	11	11	19	13	15	13	106	..	7	5	12
9. Childbirth, Diseases of the Uterus, &c.	12	7	8	5	10	12	17	12	12	9	104	..	7	..	7
10. Rheumatism, Diseases of the Bones, Joints, &c.	5	7	6	3	9	12	13	10	7	9	81	2	6	1	9
11. Diseases of the Skin, Cellular Tissue, &c.	1	1	1	..	1	..	3	..	3	4	14	1	..	..	1
12. Malformations	4	2	..	2	2	5	2	2	7	3	29	4	..	..	4
13. Premature Birth & Debility	31	28	21	14	10	28	20	27	18	23	220	29	1	..	30
14. Atrophy	7	11	10	16	13	11	19	19	24	15	145	11	1	1	13
15. Age	111	107	79	62	77	48	91	68	70	69	782	..	..	43	43
16. Sudden	26	24	15	8	9	3	11	9	3	8	116	5	2	1	9†
17. Violence, Privation, Cold, and Intemperance	31	26	25	10	12	27	19	32	26	22	230	8	3	6	17
1.—Small-pox	55	3	17	20	50	9	3	33	21	11	222	16	..	..	16
Measles	20	39	35	23	38	48	14	45	9	36	307	21	..	..	21
Scarlatina	17	9	22	51	47	20	22	40	63	11	302	14	2	..	16
Hooping Cough	43	57	30	32	24	49	46	34	68	28	411	43	..	..	43
Croup	6	11	5	9	7	7	2	9	3	2	61	1	..	..	1
Thrush	7	2	3	4	6	1	3	5	3	2	36	3	..	..	3
Diarrhœa	5	13	2	5	8	17	13	27	26	19	135	10	..	5	15
Dysentery	2	..	1	1	..	2	3	..	6	5	20	..	..	1	1
Cholera	..	..	..	..	..	2	..	..	94	..	96	..	..	..	..
Influenza	2	..	..	3	4	1	4	102	5	6	127	..	4	5	9
Purpura and Scurvy	..	..	..	1	..	..	1	1	2	2	7	1	..	..	1
Ague	..	..	1	..	1	..	..	..	1	..	3	..	1	..	1
Remittent Fever	..	1	..	..	..	..	3	2	2	3	11	1	1	..	2
Infantile Fever	*	*	*	*	*	*	*	2	..	1	3	2	..	..	2
Typhus	35	22	30	34	27	37	39	57	83	33	397	18	15	2	35
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	8	11	6	25	..	2	..	2
Rheumatic Fever	*	*	*	*	*	*	*	..	..	2	2	..	3	..	3
Erysipelas	7	5	6	6	9	7	8	19	10	16	93	..	2	..	2
Syphilis	..	..	1	1	2	1	4	3	..	1	13	..	..	..	..
Noma (or Canker)	*	*	*	*	..	1	1	1	..	1	4	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	3	3	1	..	1	1	6	4	2	3	24	1	3	1	5
Dropsy	52	35	46	43	50	7	16	12	19	16	296	..	6	9	15
Abscess	1	1	3	2	1	1	3	3	4	1	20	1	1	..	2
Ulcer	2	..	..	2	..	2	1	6	1	1	15	2	..	..	2
Fistula	2	..	1	1	..	..	..	3	..	..	7	..	1	..	1
Mortification	7	4	5	2	6	3	7	3	6	4	47	..	..	1	1
Cancer	8	14	10	14	16	20	11	20	25	15	153	..	8	7	15
Gout	..	2	3	..	..	..	1	..	1	1	8	..	..	..	..
3.—Scrofula	2	1	2	1	1	2	5	6	5	6	31	5	2	..	7
Tabes Mesenterica	1	5	1	8	8	9	16	21	12	15	96	18	..	..	18
Phthisis (or Consumption)	155	141	114	139	137	96	174	154	159	140	1409	11	107	5	123
Hydrocephalus	35	30	36	24	32	33	37	33	34	20	314	21	..	..	21

* See Note page 11.

† The age of a person who died *suddenly* was not stated.

in the Second Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Weekending Saturday.											1851 42°·2—Jan. 11.			
	33°·4	31°·1	35°·9	38°·9	40°·5	40°·3	36°·8	36°·0	39°·3	30°·3	Mean 36°·3°				
	Jan. 16 1841	Jan. 15 1842	Jan. 14 1843	Jan. 13 1844	Jan. 11 1845	Jan. 10 1846	Jan. 9 1847	Jan. 15 1848	Jan. 13 1849	Jan. 12 1850	Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	10	6	17	12	15	6	11	12	7	9	105	7	4	5	16
Apoplexy	27	31	27	24	22	22	19	27	30	37	266	2	6	6	14
Paralysis	23	17	18	17	21	23	35	27	30	28	239	1	10	6	17
Delirium Tremens	1	..	7	1	2	4	5	1	2	1	24	..	2	..	2
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy	5	10	3	6	4	2	4	8	10	5	57	2	3	1	6
Tetanus	1	2	1	..	..	1	..	..	1	..	6	..	..	..	..
Insanity	..	2	..	1	1	3	5	4	4	2	22	..	5	..	5
Convulsions	54	55	57	36	43	40	58	54	42	26	465	47	..	..	47
Disease of Brain, &c.	8	12	9	13	5	16	18	14	24	6	125	..	5	7	12
5.—Pericarditis	2	1	..	..	5	..	2	4	1	1	16	2	..	1	3
Aneurism	1	1	1	1	2	3	2	1	2	..	14	..	..	..	..
Disease of Heart, &c.	19	24	23	28	33	43	63	45	39	51	368	2	22	17	41
6.—Laryngitis	..	1	..	..	4	1	5	4	2	4	21	3	..	1	4
Bronchitis	28	29	24	26	59	72	168	125	154	120	805	45	35	56	136
Pleurisy	2	3	1	1	..	..	4	5	4	3	23	..	2	3	5
Pneumonia	143	115	115	110	120	89	136	158	125	83	1194	68	21	7	96
Asthma	121	48	36	30	52	28	88	34	26	35	498	..	5	22	27
Disease of Lungs, &c.	35	13	13	16	16	16	28	20	14	10	181	1	5	1	7
7.—Teething	17	14	15	14	19	12	17	8	10	5	131	13	..	1	14
Quinsey	..	1	..	1	3	3	1	3	3	2	17	..	..	1	1
Gastritis	19	15	18	..	1	4	4	6	3	..	149	..	..	..	..
Enteritis				7	17	11	14	9	9	12		5	..	2	7
Peritonitis	2	..	..	4	2	2	4	5	4	2	25	2	4	..	6
Ascites	..	..	..	2	7	6	1	2	1	4	23	..	3	..	3
Ulceration (of Intestines)	2	1	..	4	1	..	3	4	..	1	16	..	1	1	2
Hernia	5	3	3	2	1	1	1	3	2	2	23	..	2	..	2
Ileus	7	..	..	2	2	..	2	3	4	1	21	..	1	..	1
Intussusception	..	..	..	1	..	..	..	..	..	1	2	..	..	..	..
Stricture of Intestinal Canal	1	..	1	1	1	..	1	..	1	1	7	..	1	..	1
Disease of Stomach, &c.	7	5	3	5	4	5	6	1	6	6	48	1	2	2	5
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	1	1	..	1	7	2	8	3	5	29	..	1	1	2
Jaundice	..	2	1	..	1	3	..	1	3	..	11	..	1	..	1
Disease of Liver	7	7	7	7	14	11	17	11	14	11	106	..	9	1	10
Disease of Spleen	..	..	..	..	..	1	..	1	..	..	2	..	..	..	..
8.—Nephritis	1	1	1	1	1	2	..	..	1	..	8	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	3	1	3	7	..	2	2	4
Ischuria	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Diabetes	2	..	3	..	4	..	2	1	1	3	16	..	..	1	1
Stone	..	..	1	..	1	..	1	..	..	1	4	..	..	..	..
Cystitis	..	1	..	..	..	..	1	1	..	1	4	..	..	..	..
Stricture of Urethra	1	..	..	..	..	..	3	1	4	2	11	..	2	..	2
Disease of Kidneys, &c.	3	5	2	2	5	9	11	7	8	3	55	..	3	2	5
9.—Paramenia	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
Ovarian Dropsy	..	..	..	..	..	1	1	2	4	1	9	..	..	..	..
Childbirth (*see* Metria)	10	5	4	4	8	7	13	5	5	6	67	..	5	..	5
Disease of Uterus, &c.	2	2	4	1	2	3	3	5	3	2	27	..	2	..	2
10.—Arthritis	..	..	..	..	2	..	..	..	..	1	3	..	..	..	..
Rheumatism	1	2	2	2	2	7	9	2	5	6	38	1	4	..	5
Disease of Joints, &c.	4	5	4	1	5	5	4	8	2	2	40	1	2	1	4
11.—Carbuncle	..	1	..	..	..	..	1	..	..	..	2	..	..	..	..
Phlegmon	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Disease of Skin, &c.	1	..	1	..	1	..	2	..	2	4	11	1	..	..	1
17.—Intemperance	..	..	2	..	1	..	..	2	1	1	7	..	..	..	..
Privation of Food	3	1	..	..	..	..	2	2	..	..	8	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	1	4	1	6	3	..	..	3
Neglect	*	*	*	*	*	*	*	1	..	..	1	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	8	..	..	..	..
Poison	*	*	*	*	*	*	*	5	..	..	5	2	1	..	3
Burns and Scalds	*	*	*	*	*	*	*	3	8	2	13	3	..	1	4
Hanging and Suffocation	*	*	*	*	*	*	*	2	..	3	5	..	1	..	1
Drowning	*	*	*	*	*	*	*	6	3	6	15	..	..	1	1
Fractures	*	*	*	*	*	*	*	7	6	6	19	..	..	3	3
Wounds	*	*	*	*	*	*	*	3	3	2	8	..	1	1	2
Other Violence	*	*	*	*	*	*	*	1	1	1	3	..	..	..	..
All Violence	28	25	23	10	11	27	17	26	21	20	208	5	3	6	14
Causes not specified	10	5	5	8	2	4	5	4	8	9	60	1	1	..	2

* See Note page 11.

DEATHS Registered in the SECOND WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			33°·4	31°·1	35°·9	38°·9	40°·5	40°·3	36°·8	36°·0	39°·3	30°·3	Mean 36°·3	42°·2
	1831	1841	Jan. 16 1841	Jan. 15 1842	Jan. 14 1843	Jan. 13 1844	Jan. 11 1845	Jan. 10 1846	Jan. 9 1847	Jan. 15 1848	Jan. 13 1849	Jan. 12 1850	Sum of 10 Weeks.	Jan. 11 1851
LONDON	1654994	1948369	1260	1042	953	929	1109	972	1386	1457	1448	1065	11621	1023
1–6. WEST DISTRICTS .	252761	301189	195	154	131	138	191	153	202	201	209	157	1731	166
7–11. NORTH DISTRICTS .	306185	376568	216	187	194	185	219	162	235	244	251	181	2074	195
12–19. CENTRAL DISTRICTS	355502	374199	293	221	186	178	202	176	248	256	221	185	2166	170
20–25. EAST DISTRICTS .	330736	393067	280	214	203	189	210	180	329	360	302	249	2516	223
26–36. SOUTH DISTRICTS .	409810	503346	276	266	239	239	287	301	372	396	465	293	3134	269
1. Kensington . . HL	52981	74881	25	40	32	28	36	39	53	55	51	32	391	44
2. Chelsea . . . *W* H	32371	40243	32	23	20	23	37	21	32	24	35	40	287	21
3. St.GeorgeHanover-sq.H	58209	66657	45	34	32	19	42	31	28	46	42	32	351	31
4. Westminster HHPP	48177	56802	43	31	25	35	43	31	48	41	47	30	374	39
5. St.Martin-in-the-Flds. H	23970	25132	21	11	13	15	19	15	16	12	16	9	147	19
6. St. James Westminster	37053	37457	29	15	9	18	14	16	25	23	18	14	181	12
7. Marylebone . . . H	122206	138383	101	89	77	73	77	56	70	72	105	61	781	76
8. Hampstead	8588	140078	*	*	*	*	*	*	2	2	3	3	10	5
9. Pancras . . *W* HH	103548		77	59	72	66	97	70	85	101	78	70	775	67
10. Islington . . . HP	37316	55779	20	24	25	30	25	21	42	33	35	16	271	30
11. Hackney . . . . H	34527	42328	18	15	20	16	20	15	36	36	30	31	237	17
12. St. Giles	52907	54378	40	46	36	32	23	29	24	35	30	25	320	28
13. Strand (wkh. in 9) . H	42015	43667	37	30	19	20	32	16	29	27	27	20	257	18
14. Holborn	42696	44532	30	23	20	26	19	27	32	41	27	23	268	17
15. Clerkenwell . . PP	47634	56799	49	31	20	23	42	27	37	40	31	26	326	22
16. St. Luke (wkh. in 20) L	46642	49908	32	18	22	17	19	21	35	25	27	27	243	23
17. East London . . . P.	38311	39718	33	23	20	14	19	13	34	35	29	18	238	23
18. West London *W* HPPP	28217	29188	27	20	28	23	20	22	37	22	29	22	250	23
19. City of Lon. (wkh. in 25)	57080	56009	45	30	21	23	28	21	20	31	21	24	264	16
20. Shoreditch . . *W* L	68564	83564	62	40	65	36	48	45	101	72	60	59	588	43
21. Bethnal Green . . L	62018	74206	45	26	17	30	33	34	37	64	41	26	353	33
22. Whitechapel . . . H	64141	71879	72	50	54	34	40	31	69	67	58	54	529	49
23. St. George-in-the-East .	38505	41416	23	21	17	25	22	12	36	39	42	27	264	24
24. Stepney . . . . H	72442	90831	63	62	38	53	54	42	70	86	75	56	599	51
25. Poplar . . . . *W* L	25066	31171	15	15	12	11	13	16	16	32	26	27	183	23
26. St. Saviour . . H H	31711	33027	23	22	19	18	23	22	18	15	28	22	210	18
27. St. Olave . . . H H	20021	19869	25	28	21	13	19	36	30	33	33	17	255	23
28. Bermondsey	29741	35002	16	25	13	17	19	33	30	27	31	16	227	18
29. St. Geo. Southwk. LPP	39769	46718	35	26	23	22	30	28	48	44	44	24	324	38
30. Newington . . . P	44526	54693	28	34	29	35	30	29	29	53	26	33	326	31
31. Lambeth	87856	116072	68	56	72	55	72	67	70	88	80	62	690	42
32. Wandsworth . . . L	33090	39918	*	*	*	11	24	16	16	31	110	25	233	22
33. Camberwell . . LL	28231	39931	22	13	17	18	27	18	39	34	26	23	237	35
34. Rotherhithe	12875	13940	10	19	7	6	8	8	8	9	8	4	87	6
35. Greenwich . HHHP	63564	81125	49	43	38	44	35	44	69	48	61	63	494	31
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	15	14	18	4	51	5

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 11621; which divided by 10 gives nearly 1162 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1851, by adding to it an eleventh part; thus, 1162 divided by 11 is 106 nearly, which added to 1162, makes the corrected average 1268. The corrected average for small-pox, (see page 4,) or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 222 in 10 weeks; the average was 22; the corrected average 24. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5{\cdot}5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	1	.	1
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	2	2	4
2 *St. George Hanover Square [Chelsea N.W.]*	.	1	1
3 St. George Hanover Square [May Fair]	3	2	5
4 Westminster [St. Margaret]	1	5	6
5 St. Martin-in-the-Fields [Charing Cross]	.	.	.
6 St. James Westminster [Golden Square]	1	1	2
7 Marylebone [Rectory]	6	9	15
9 *Strand [Tottenham Court]*	.	.	.
9 Pancras [Camden Town]	3	3	6
10 Islington [West]	.	.	.
11 Hackney [Hackney]	1	.	1
12 St. Giles [South]	.	.	.
14 Holborn [St. Andrew East]	3	2	5
15 Clerkenwell [St. James]	1	.	1
17 East London [St. Botolph]	.	5	5
18 *East London [West London North]*	.	.	.
18 West London [North]	1	.	1
20 Shoreditch [Haggerstone West]	2	1	3
20 *St. Luke [Hoxton New Town]*	1	.	1
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	4	5	9
23 St. George-in-the-East [St. John]	2	1	3
24 Stepney [Shadwell]	.	.	.
24 Stepney [Ratcliff]	.	1	1
24 Stepney [Mile End Old Town Lower]	1	.	1
24 City of London [ditto]	1	.	1
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	4	1	5
25 Poplar [Poplar]	.	.	.
26 St. Saviour [Christchurch]	1	2	3
27 St. Olave [St. John Horselydown]	1	2	3
28 Bermondsey [St. Mary Magdalen]	1	1	2
29 St. George Southwark [Borough Road]	1	1	2
30 Newington [St. Peter Walworth]	2	1	3
31 Lambeth [Lambeth Church 2nd]	1	2	3
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	.	.	.
33 Camberwell [Camberwell]	1	2	3
34 Rotherhithe	1	.	1
35 Greenwich [East]	.	.	.
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	47	50	97
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	4	.	4
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	2	.	2
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	6	.	6
General Hospitals:—			
3 St. George [Belgrave]	.	.	.
4 Westminster [St. Margaret]	.	1	1
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	2	2	4
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	2	.	2
18 St. Bartholomew [West London North]	8	6	14
22 London [Whitechapel Church]	1	2	3
27 Guy's [St. Olave and St. Saviour]	6	.	6
27 St. Thomas [St. Olave & St. Saviour]	4	2	6
Total	23	13	36
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	.	.	.
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	.	.
Total	.	.	.

	M.	F.	T.
HOSPITALS—*continued.*			
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	1	1	2
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	1	.	1
29 Bethlem [London Road]	5	1	6
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	.	1
33 Peckham House [Camberwell]	1	.	1
33 Camberwell House [Camberwell]	.	1	1
Total	9	3	12
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	3	.	3
Total	3	.	3
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	.	.
16 French Hospital [City Road]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24 German Jews Hospital [ditto]	.	.	.
Total	.	.	.
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	47	50	97
Military and Naval Asylums	6	.	6
General Hospitals	23	13	36
Hospitals for Special Diseases	.	.	.
Lying-in Hospitals	.	.	.
Lunatic Asylums	9	3	12
Military and Naval Hospitals	3	.	3
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	.	.
Total in Public Institutions	88	66	154

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 11th January, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
JANUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	5	..	29·442	47·5	34·6	39·9	37·6	47·2	26·0	45·6	41·0	2·3	7·0	1·0	+ 3·8	S. & W.	S.	0·0	0·0	0·0	25	0·00
MONDAY .	6	Apogee	29·503	45·3	31·4	38·5	37·8	..	31·0	45·1	40·5	0·7	4·1	0·0	+ 2·4	Calm.	E.	0·0	0·0	0·0	5	0·00
TUESDAY .	7	..	29·403	48·6	37·6	42·8	41·4	50·0	29·0	44·6	40·7	1·4	4·8	0·0	+ 6·7	E.S.E.	S.	0·0	0·0	0·0	35	0·01
WEDNESDAY	8	..	29·385	50·5	35·6	43·1	38·3	53·0	30·0	44·6	40·5	4·8	6·9	1·8	+ 7·0	S.W.	S.W.	5·0	0·0	1·0	125	0·03
THURSDAY .	9	In Equator	29·835	45·7	33·8	38·4	32·9	48·0	28·0	43·1	39·5	5·5	9·6	2·7	+ 2·2	S.W.	S.W.	2·0	0·0	0·0	70	0·00
FRIDAY .	10	First Quarter	29·876	51·1	32·8	44·8	44·1	54·7	41·0	43·1	39·5	0·7	2·7	0·3	+ 8·5	S.	S.W.	2·0	0·0	0·0	70	0·28
SATURDAY	11	..	29·998	50·7	47·2	48·2	46·0	53·0	43·0	43·1	39·5	2·2	3·3	0·7	+11·8	S.W.	S.S.W.	0·0	0·0	0·0	170	0·00
MEANS . .		..	29·635	48·5	36·1	42·2	39·7	51·0	32·6	44·2	40·2	2·5	5·5	0·9	+ 6·1	S.W.		..	..	..	Sum 500	Sum 0·32
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .
MONDAY . .
TUESDAY .
WEDNESDAY
THURSDAY .
FRIDAY . .
SATURDAY .

} No electricity was shown during the week.

GENERAL REMARKS.

The sky was generally free from cloud throughout the day.

The sky was one-half covered with cloud till noon, about three-fourths covered until 6 P.M., and overcast afterwards; cirrostratus, and light scud.

Three-fourths of the sky were covered at noon; at other times it was generally covered with cirrostratus and light clouds; rain fell occasionally during the afternoon.

One-half of the sky was covered during the morning; overcast during the afternoon, and clear at night; cirrostratus and light clouds. Heavy rain fell at 5h. 30m. P M.

The sky was cloudless throughout the day.

The sky was overcast throughout the day; cirrostratus. Rain fell till near 3 P.M.

The sky was overcast throughout the day; cirrostratus. Misty rain fell frequently.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12. are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 41·7°; and the mean reading at 9h. P.M. was 44·7°; the mean readings at the Royal Observatory for the same times were 40·1° and 42·8° respectively.

The reading of the barometer decreased from 29·55 in. at the beginning of the week to 29·31 in. by 9h. P.M. on January 8th; increased to 30·02 in. by noon on the 11th, and decreased to 29·97 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday January 18. [No. 3.

HEALTH OF LONDON DURING THE WEEK.

The number of deaths registered last week in London amounts to 1037; while in the ten corresponding weeks of the years 1841-50, it varied from 960 in 1843, to 1401 in 1848, and the average was 1149. This average, if it be augmented in the ratio of previous increase of population (1·55 per cent. per annum) up to the present time, becomes 1253, compared with which the present return exhibits a great decrease; but it will be borne in mind that violent epidemics, which multiplied the deaths of the period from which the average is drawn, have also left a less population to yield a smaller contribution of mortality. If the two returns of the last fortnight be compared, it appears that whilst they almost coincide as regards the total number of deaths, they differ in the proportions in which prevailing diseases have proved fatal. The zymotic class of diseases numbered 173 deaths in the preceding week (ending January 11th), but in the last week they rose to 196; whereas "diseases of the respiratory organs," under which were previously enumerated 275, have now declined to 202, though it will be seen that the numbers from phthisis (which is not included in the latter class) have remained almost precisely the same, or about 120. In the previous week 47 children died from "convulsions;" last week the number rose to 60, more than half of these being infants less than three months old. Small-pox was fatal last week to 21 persons, of whom 5 were adults. With regard to three of the children who died, and two men, aged respectively 19 and 39 years, it is mentioned that they had been previously vaccinated. The Registrar of Mile-end Old-Town Lower, was informed by the father of a family, that two of his children had been suffering from small-pox; that one aged 3 years, who had been vaccinated at the age of 3 months, apparently with effect, died, and another, who had not been vaccinated, was in the way of recovery. A house in Whitechapel is also mentioned where three children were suffering from the disease, who had all been vaccinated. The disorder seems to be rife in this neighbourhood, and one of the medical men states that he has now 29 cases under his care. The Registrar of Christchurch, Marylebone, reports, that "between the beginning of November, when small-pox suddenly became prevalent in his district, and the end of the year, 27 persons died of the disease, and in only two of these cases had vaccination been performed." But in order to settle the respective rates of mortality among the protected and the unprotected, it is obviously necessary to ascertain the number in each class living in any district.

In the returns of last week seven localities are complained of as damp from want of drainage or lowness of situation, or otherwise unwholesome; in two of these scarlatina had been fatal to the children who dwelt in them; in three others pneumonia had been the cause of death; in one a child died from "cholera infantum." A case of chorea, in a girl

of 14, who had been ill two years, terminated fatally on the 9th. A man and two women died from intemperance.

The births of 815 boys and 784 girls, in all 1599 children, were registered in the week. The average of six corresponding weeks in 1845–50 was 1395.

At the Royal Observatory, Greenwich, the mean reading of the barometer was 29·550. The mean reading of the thermometer was 45°, which is 8° above the average of the same week in 10 years. The excess of the daily mean temperature above the average was on Sunday 11°·5, on Monday 9°·9, on Tuesday 7°, on Wednesday 8°·5, on Thursday 6°·9, on Friday 8°·8, and on Saturday 4°·1. The wind was in the south and south-west.

The following selections are made from the Registrars' Reports:—

In the sub-district of Somers Town, at 2 York-place, on 11th January, the daughter of a tailor (deceased), aged 2 years, died of "bronchitis (3 weeks), pneumonia of the right lung" (*post mortem*). Mr. Matthews, the Registrar, observes, that the houses had been reported to him, as damp and confined. With reference to Middlesex-place, where a comb-maker, aged 26, died suddenly, and the infant daughter of a tailor died of convulsions, it is stated, that "the place is over-crowded and unhealthy, aud likely to engender fever and cholera." At 4 Hampton-court, in the same sub-district, on 13th January, the daughter of a brushmaker, aged 6 years, died of "scarlet-fever, dropsy, hooping-cough (10 weeks)." "The houses are damp; three other children are labouring under the same disease."

In Pancras, Camden Town sub-district, between the 7th and 13th January, there occurred in the WORKHOUSE alone, 15 deaths. Nine of the deceased persons (5 men and 4 women) varied in respect of age from 50 to 95 years, and averaged 69 years; a man and two women were respectively 31, 17, and 25 years; and there were three children under 3 years. Mr. Holl states, that "though the mortality is great, it did not arise from any epidemic, but from disease of the brain, natural decay," &c.

In Islington east, at 30 Albion-place, Ball's-pond, on 12th January, the son of a labourer, aged 9 days, died of "cholera infantum (2 days), convulsions." The drainage (says Mr. Butterfield) is in bad condition. Rhodes Cottages, where a child died of pneumonia, are again reported as "wretched, both as regards situation and condition."

In Holborn district, at 19 New Ormond-street, on 13th January, a painter, aged 36 years, died of "palsy in the right hand (many years), with colic." The deceased had been an inmate of a hospital, but having voluntarily left it, he died suddenly at his own house.

In St Luke's, City-road sub-district, at 4 Ratcliffe-gardens, on 14th January, the daughter of a carman, aged 1 year, died of "scarlatina (4 days)." Mr. Hamlin, the Registrar, describes this as "a small two-roomed house, always damp; the communication with the sewer from a cesspool has been cut off by the owner of the adjoining property now under repair, which causes the water to overflow, and form a pond in front of this and the neighbouring houses. The drainage in this place is very defective."

In Hackney-road sub-district, at 3 Green-gate-gardens, on 9th January, the daughter of a turner, aged 4 months, died of "pneumonia (1 month), convulsions (2 days)." Mr. Murray mentions, that "the gardens are low and damp, and contain wretched habitations."

In Whitechapel North sub-district, at 10 White's-row, on 14th January, the gate-keeper at a distillery, aged 39 years, died of "confluent small-pox, (first attack) 10 days; after vaccination; abscess in the left lung, pustules in larynx." Mr. Chapman reports, that "three persons (all vaccinated) are suffering from small-pox in the same house; and the medical attendant who certified this case, has informed him that he is at present attending 29 cases in the neighbourhood."

In the sub-district of Mile-end Old Town Lower, at 15 Ernest-street, on 11th January, the daughter of a carpenter, aged 3 years, died of "variola confluens (16 days)." Mr.

Castleden, the Registrar, makes the following statement: "According to information given by the father, the deceased had been vaccinated, when about 3 months old; vaccination apparently took well, and the mark was still visible; an older boy, who has not been vaccinated, has had small-pox at the same time, and had been blind 9 days, but is now recovering."

BIRTHS Registered LAST WEEK, and in the Third Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1331	1370	1457	1303	1528	1383	1395	1599*
Males. . .	669	681	743	659	783	683	703	815
Females . .	662	689	714	644	745	700	692	784

* The Return for Christchurch, Marylebone, has not been received. The average of births in 6 weeks is 21, which is inserted above.

DEATHS Registered LAST WEEK, and in the Third Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
OTAL . .		1129	1110	960	1040	1010	1043	1291	1401	1345	1156	1148·5	1037†
Males . .		570	541	510	532	489	563	631	703	640	546	572·5	507
Females .		559	569	450	508	521	480	660	698	705	610	576·0	530
	Ages.												
Deaths at	0—15	461	480	398	459	451	467	466	608	628	445	486·3	457
ree periods	15—60	360	339	344	343	329	333	451	483	405	393	378·0	330
f life . .	60 & up.	306	291	217	238	230	243	373	310	307	313	282·8	216

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between e total deaths and the sum of deaths at particular ages.

\- The Returns of Deaths from the sub-districts of Christchurch (Marylebone), St. Saviour (Southwark), and Plumstead (Lewisham), e not received in time for insertion in the Tables. Averages derived from returns of 6 weeks, are for the first 17, for the second for the third 4; which are inserted in the Table of Diseases under *Causes not specified*. The true numbers of deaths for St. Saviour Plumstead are now ascertained to be 12 and 3 respectively.

BIRTHS and DEATHS registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Oct. 26.	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.	Nov. 30.	Dec. 7.	Dec. 14.	Dec. 21.	Dec. 28.	Jan. 4.	Jan. 11.	Jan. 18.
BIRTHS	1362	1519	1577	1581	1381	1482	1558	1434	1477	1370	1592	1580	1599
DEATHS	845	945	921	908	1016	861	1004	1090	1166	1196	1369	1023	1037
DEATHS (except from Violence) . . .	829	918	907	888	982	840	989	1068	1114	1144	1257	1009	1020
Deaths (except from Violence) at 60 years and upwards . .	166	191	214	180	202	159	218	274	249	219	308	229	214
Scarlatina	32	41	33	39	41	32	35	29	30	22	14	16	19
Typhus	49	65	55	56	47	47	43	37	43	32	48	35	35
Diarrhœa & Dysentery	30	22	20	22	20	14	25	13	18	32	20	16	16
Cholera	3	3	1	..	1	..	..	2	1	..	1	..	1
Mean Temperature .	42°·3	46°·3	50°·2	46°·2	46°·9	40°·5	42°·6	40°·1	38°·6	38°·3	47°·1	42°·2	45°·0

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child-birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," or "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite the above heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.										1851			
	37°·2	32°·7	37°·7	36°·8	41°·1	41°·3	31°·8	32°·5	46°·6	31°·1	Mean 36°·9	45°·0—Jan. 18.			
	Jan. 23	Jan. 22	Jan. 21	Jan. 20	Jan. 18	Jan. 17	Jan. 16	Jan. 22	Jan. 20	Jan. 19	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
ALL CAUSES	1129	1110	960	1040	1010	1043	1291	1401	1345	1156	11485	457	330	216	1037†
SPECIFIED CAUSES	1119	1092	955	1034	1007	1038	1291	1398	1334	1149	11417	455	330	216	1002†
1. Zymotic Diseases	200	179	153	189	229	204	171	379	393	193	2290	145	37	14	196
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	68	66	62	51	51	58	68	36	51	46	557	5	14	17	36
3. Tubercular Diseases	173	154	179	186	194	183	201	199	155	207	1831	61	108	3	172
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	107	125	143	142	111	110	143	138	136	129	1284	73	25	39	137
5. Diseases of the Heart and Blood-vessels	16	24	28	31	37	44	45	34	55	51	365	3	28	12	43
6. Diseases of the Lungs, and of the other Organs of Respiration	278	251	152	211	172	214	365	343	300	263	2549	86	58	58	202
7. Diseases of the Stomach, Liver, and other Organs of Digestion	64	60	68	62	49	65	68	67	68	58	629	27	27	11	66†
8. Diseases of the Kidneys, &c.	6	8	6	8	8	7	13	20	15	9	100	..	10	8	18
9. Childbirth, Diseases of the Uterus, &c.	13	13	11	9	10	8	15	9	14	13	115	..	5	2	7
10. Rheumatism, Diseases of the Bones, Joints, &c.	5	5	8	8	5	8	7	3	7	7	63	2	5	1	8
11. Diseases of the Skin, Cellular Tissue, &c.	..	1	..	..	1	2	5	..	..	4	13	..	1	..	1
12. Malformations	1	..	2	..	1	5	4	4	1	5	23	1	..	..	1
13. Premature Birth & Debility	34	28	20	10	14	32	28	27	24	36	253	26	1	..	27
14. Atrophy	9	10	2	11	16	13	15	31	23	21	151	13	1	1	15
15. Age	113	109	87	89	88	44	98	78	59	73	838	..	..	46	46
16. Sudden	11	21	11	7	11	12	11	5	13	7	109	3	1	..	4
17. Violence, Privation, Cold, and Intemperance	21	38	23	20	10	29	34	25	20	27	247	10	9	4	23
1.—Small-pox	86	12	11	21	54	4	4	24	30	7	253	16	5	..	21
Measles	14	33	31	26	37	51	9	46	8	37	292	16	..	..	16
Scarlatina	18	7	30	49	45	16	12	45	87	17	326	19	..	..	19
Hooping Cough	36	77	38	26	28	63	44	34	58	43	447	44	..	..	44
Croup	10	10	5	5	9	5	7	9	6	10	76	7	..	..	7
Thrush	3	2	1	6	1	3	3	6	5	1	31	3	..	1	4
Diarrhœa	2	5	2	5	14	12	19	21	24	10	114	11	..	4	15
Dysentery	1	2	3	5	..	3	3	8	4	6	35	1	..	..	1
Cholera	..	..	..	2	..	..	2	2	62	..	68	1	..	..	1
Influenza	2	1	1	3	3	2	10	89	5	7	123	..	2	4	6
Purpura and Scurvy	..	..	..	1	..	..	2	3	2	..	8	..	..	..	..
Ague	1	1	..	..	..	..	2	3	..	1	8	..	..	..	..
Remittent Fever	1	2	..	..	..	2	2	1	..	3	11	4	..	..	4
Infantile Fever	*	*	*	*	*	*	*	..	..	..	..	1	..	..	1
Typhus	16	19	27	35	33	34	40	63	68	33	368	16	16	3	35
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	7	15	5	27	..	7	..	7
Rheumatic Fever	*	*	*	*	*	*	*	4	1	5	10	..	1	..	1
Erysipelas	9	6	4	4	4	7	11	13	13	8	79	3	4	2	9
Syphilis	1	2	..	1	1	2	1	1	5	..	14	2	2	..	4
Noma (or Canker)	*	*	*	*	..	..	..	..	..	..	..	1	..	..	1
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	2	2	5	1	8	3	10	2	7	2	42	..	1	3	4
Dropsy	47	43	43	35	34	21	39	15	23	17	317	..	5	6	11
Abscess	4	6	3	1	2	..	2	3	..	3	24	2	..	..	2
Ulcer	..	..	..	2	..	2	2	..	1	1	8	2	..	..	2
Fistula	..	..	..	..	..	1	1	..	..	1	3	..	1	..	1
Mortification	11	3	1	4	1	5	1	4	4	3	37	1	..	2	3
Cancer	2	8	10	8	6	26	13	12	16	18	119	..	7	6	13
Gout	2	4	..	..	..	..	..	..	..	1	7	..	..	..	..
3.—Scrofula	1	3	1	7	5	6	2	7	4	6	42	3	2	..	5
Tabes Mesenterica	7	10	4	7	11	12	14	12	24	15	116	18	..	..	18
Phthisis (or Consumption)	137	114	142	131	146	125	158	152	112	157	1374	13	106	2	121
Hydrocephalus	28	27	32	41	32	40	27	28	15	29	299	27	..	1	28

* See page 19.

† The age of a person, whose death is ascribed to *enteritis*, was not stated.

in the Third Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 45°·0—Jan. 18.			
	37°·2	32°·7	37°·7	36°·8	41°·1	41°·3	31°·8	32°·5	46°·6	31°·1	Mean 36°·9				
	Jan. 23	Jan. 22	Jan. 21	Jan. 20	Jan. 18	Jan. 17	Jan. 16	Jan. 22	Jan. 20	Jan. 19	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
4.—Cephalitis	8	11	8	15	14	15	8	5	14	5	103	5	1	1	7
Apoplexy	15	24	22	29	21	29	33	29	22	23	247	2	4	10	16
Paralysis	28	23	21	27	22	20	24	26	25	31	247	..	5	16	21
Delirium Tremens	1	1	2	2	1	3	3	5	7	1	26	..	2	..	2
Chorea	..	..	..	..	1	..	1	..	..	1	3	1	..	..	1
Epilepsy	5	2	5	3	1	5	10	6	6	2	45	1	6	2	9
Tetanus	1	1	..	..	..	1	1	..	..	..	4	..	..	1	1
Insanity	1	..	2	2	1	1	3	..	3	4	17	..	2	1	3
Convulsions	41	52	65	50	43	27	49	53	46	45	471	60	..	..	60
Disease of Brain, &c.	7	11	18	14	7	9	11	14	13	17	121	4	5	8	17
5.—Pericarditis	2	..	1	3	2	4	3	4	3	..	22	1	2	1	4
Aneurism	1	..	1	..	2	2	..	..	1	2	9	..	1	..	1
Disease of Heart, &c.	13	24	26	28	33	38	42	30	51	49	334	2	25	11	38
6.—Laryngitis	1	1	1	1	1	4	5	5	3	7	29	1	..	1	2
Bronchitis	38	24	12	33	33	77	152	138	137	131	775	26	27	38	91
Pleurisy	2	3	3	2	2	1	8	4	5	5	35	1	3	..	4
Pneumonia	124	134	77	113	89	91	128	137	111	85	1089	54	9	6	69
Asthma	81	64	40	43	35	26	56	44	34	27	450	1	11	9	21
Disease of Lungs, &c.	32	25	19	19	12	15	16	15	10	8	171	3	8	4	15
7.—Teething	22	21	21	11	16	12	16	6	16	8	149	10	..	..	10
Quinsey	3	1	3	..	2	..	2	2	3	..	16	..	1	..	1
Gastritis	16	16	16	2	1	3	4	2	3	4	131	..	1	..	1
Enteritis				17	7	8	11	7	8	6		7	2	1	11†
Peritonitis	..	..	2	2	4	4	7	7	7	4	37	1	7	..	8
Ascites	..	..	..	1	..	2	1	3	1	4	12	..	2	1	3
Ulceration (of Intestines)	1	2	..	1	1	3	2	4	3	1	18	..	1	..	1
Hernia	2	1	3	4	..	1	5	..	4	1	21	1	..	1	2
Ileus	2	3	..	3	5	4	..	4	1	3	25	2	..	..	2
Intussusception	..	..	..	1	..	..	1	3	1	2	8	1	..	..	1
Stricture of Intestinal Canal	..	1	..	2	..	1	..	1	..	..	5	..	..	1	1
Disease of Stomach, &c.	6	6	5	6	3	7	2	11	9	8	63	1	..	2	3
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Hepatitis	2	..	1	3	1	4	2	1	3	4	21	..	5	..	5
Jaundice	2	..	3	1	2	4	4	3	1	2	22	3	1	1	5
Disease of Liver	8	8	14	8	7	11	11	13	8	11	99	1	5	4	10
Disease of Spleen	..	1	..	..	..	1	..	..	..	..	2	..	1	..	1
8.—Nephritis	1	..	..	..	..	..	..	1	2	..	4	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	2	1	2	5	..	2	2	4
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Diabetes	1	..	..	1	1	1	1	3	1	..	9	..	1	..	1
Stone	..	..	..	..	2	..	1	2	..	..	5	..	..	1	1
Cystitis	..	1	..	..	..	1	1	..	1	..	4	..	..	1	1
Stricture of Urethra	..	1	2	3	4	..	..	1	..	..	11	..	..	1	1
Disease of Kidneys, &c.	4	6	4	4	1	5	10	11	10	7	62	..	6	3	9
9.—Paramenia	..	..	..	..	..	..	..	1	..	1	2	..	..	..	..
Ovarian Dropsy	1	2	1	..	2	1	2	..	..	3	12	..	..	..	..
Childbirth (*see* Metria)	8	8	8	7	5	4	9	6	10	5	70	..	4	..	4
Disease of Uterus, &c.	4	3	2	2	3	3	4	2	4	4	31	..	1	2	3
10.—Arthritis	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
Rheumatism	1	2	7	4	3	4	3	..	5	4	33	..	3	1	4
Disease of Joints, &c.	4	3	1	4	1	4	4	3	2	3	29	2	2	..	4
11.—Carbuncle	..	..	..	..	..	..	1	..	..	..	1	..	1	..	1
Phlegmon	..	..	..	..	1	1	3	..	..	..	5	..	..	..	..
Disease of Skin, &c.	..	1	..	..	..	1	1	..	..	4	7	..	..	..	..
17.—Intemperance	1	1	2	..	1	1	..	..	1	2	9	..	1	2	3
Privation of Food	1	..	1	..	..	..	4	1	1	..	8	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	3	2	..	5	3	..	..	3
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	*	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	..	..	..	..	1	..	..	1
Burns and Scalds	*	*	*	*	*	*	*	8	7	10	25	3	..	..	3
Hanging and Suffocation	*	*	*	*	*	*	*	1	1	1	3	1	2	1	4
Drowning	*	*	*	*	*	*	*	2	4	2	8	..	4	..	4
Fractures	*	*	*	*	*	*	*	6	3	12	21	2	2	1	5
Wounds	*	*	*	*	*	*	*	3	1	..	4	..	..	..	..
Other Violence	*	*	*	*	*	*	*	1	..	..	1	..	..	..	..
All Violence	19	37	20	20	9	28	30	21	16	25	225	7	8	2	17
Causes not specified	10	18	5	6	3	5	..	3	11	7	68	2	..	..	35‡

† The age of a person, whose death is ascribed to *enteritis*, was not stated. ‡ See page 19.

ERRATA.—In Weekly Return No. 2, *for* wounds 3 (in 1848), *read* 2; and opposite *cold* in the column for sum, omit 8.

Deaths Registered in the Third Week of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			37°·2	32°·7	37°·7	36°·8	41°·1	41°·3	31°·8	32°·5	46°·6	31°·1	Mean 36°·9	45°·0
	1831	1841	Jan. 23 1841	Jan. 22 1842	Jan. 21 1843	Jan. 20 1844	Jan. 18 1845	Jan. 17 1846	Jan. 16 1847	Jan. 22 1848	Jan. 20 1849	Jan. 19 1850	Sum of 10 Weeks.	Jan. 18 1851
LONDON	1654994	1948369	1129	1110	960	1040	1010	1043	1291	1401	1345	1156	11485	1037
1–6. West Districts .	252761	301189	158	169	145	144	146	162	175	169	190	183	1641	134
7–11. North Districts .	306185	376568	201	226	152	197	208	203	233	252	255	228	2155	218
12–19. Central Districts	355502	374199	246	204	193	199	181	199	233	274	198	217	2144	187
20–25. East Districts .	330736	393067	246	236	234	226	208	202	297	320	272	208	2449	198
26–36. South Districts .	409810	503346	278	275	236	274	267	277	353	386	430	320	3096	300
1. Kensington . . HL	52981	74881	28	38	25	39	35	49	61	36	57	40	408	46
2. Chelsea . . . *W* H	32371	40243	30	19	30	22	34	18	24	30	46	35	288	25
3. St.GeorgeHanover-sq.H	58209	66657	28	39	19	24	23	29	41	32	34	45	314	19
4. Westminster HHPP	48177	56802	39	36	34	34	33	36	23	40	26	36	337	31
5. St.Martin-in-the-Flds. H	23970	25132	18	17	18	9	11	7	14	12	8	9	123	1
6. St. James Westminster	37053	37457	15	20	19	16	10	23	12	19	19	18	171	12
7. Marylebone . . . H	122206	138383	71	90	64	71	58	73	90	88	81	87	773	69
8. Hampstead	8588	140078	*	*	*	*	*	*	7	7	2	3	19	5
9. Pancras . . *W* HH	103548		89	89	49	87	105	92	83	91	85	86	856	73
10. Islington . . . HP	37316	55779	29	27	21	27	26	20	29	42	67	27	315	45
11. Hackney . . . . H	34527	42328	12	20	18	12	19	18	24	24	20	25	192	26
12. St. Giles	52907	54378	40	38	22	25	25	28	36	47	23	30	314	23
13. Strand (wkh. in 9) . H	42015	43667	23	32	30	21	21	28	36	33	24	20	268	21
14. Holborn	42696	44532	33	22	18	24	18	23	25	27	27	31	248	23
15. Clerkenwell . . PP	47634	56799	35	24	27	22	35	29	33	44	36	39	324	33
16. St. Luke (wkh. in 20) L	46642	49908	35	22	22	32	11	27	27	29	25	32	262	17
17. East London . . . P.	38311	39718	29	17	25	24	19	20	19	32	22	16	223	19
18. West London *W* HPPP	28217	29188	25	25	29	36	29	22	29	39	25	28	287	22
19. City of Lon. (wkh. in 25)	57080	56007	26	24	20	15	23	22	28	23	16	21	218	29
20. Shoreditch . . *W* L	68564	83562	46	48	49	44	46	39	50	69	71	45	507	49
21. Bethnal Green . . L	62018	74209	48	47	30	46	31	31	57	53	44	31	418	26
22. Whitechapel . . . H	64141	71878	53	38	59	42	38	47	61	61	64	49	512	41
23. St. George-in-the-East .	38505	41418	25	23	32	30	29	22	38	44	22	20	285	12
24. Stepney . . . . H	72442	90838	62	67	47	43	52	35	67	68	52	44	537	55
25. Poplar . . . *W* L	25066	31179	12	13	17	21	12	28	24	25	19	19	190	15
26. St. Saviour . . H H	31711	33027	26	18	21	21	18	22	16	33	36	15	226	25
27. St. Olave . . . H H	20021	19869	25	29	18	35	16	24	25	23	20	28	243	16
28. Bermondsey	29741	35002	20	20	15	20	20	14	41	40	32	22	244	27
29. St. Geo. Southwk. LPP	39769	46718	29	40	29	22	30	13	34	41	35	38	311	29
30. Newington . . . P	44526	54693	33	32	17	33	30	29	37	39	39	49	338	28
31. Lambeth	87856	116072	70	72	73	51	55	63	78	82	70	66	680	75
32. Wandsworth . . . L	33090	39918	*	*	*	22	21	16	28	32	64	26	209	19
33. Camberwell . . LL	28231	39931	23	15	16	18	20	22	29	32	29	16	220	25
34. Rotherhithe	12875	13940	10	7	8	10	4	9	9	8	10	5	80	7
35. Greenwich . HHHP	63564	81125	42	42	39	42	53	65	46	43	77	43	492	39
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	10	13	18	12	53	10

Note.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 11485; which divided by 10 gives nearly 1149 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1851, by adding to it an eleventh part; thus, 1149 divided by 11 is 104 nearly, which added to 1149, makes the corrected average 1253. The corrected average for small-pox, (see page 4,) or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 253 in 10 weeks; the average was 25; the corrected average 27. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5{\cdot}5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	.	1	1
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	3	1	4
2 *St. George Hanover Square* [*Chelsea N.W.*]	.	.	.
3 St. George Hanover Square [May Fair]	2	.	2
4 Westminster [St. Margaret]	2	4	6
5 St. Martin-in-the-Fields [Charing Cross]	.	.	.
6 St. James Westminster [Golden Square]	2	.	2
7 Marylebone [Rectory]	2	6	8
9 *Strand* [*Tottenham Court*]	4	1	5
9 Pancras [Camden Town]	7	8	15
10 Islington [West]	5	3	8
11 Hackney [Hackney]	1	1	2
12 St. Giles [South]	3	3	6
14 Holborn [St. Andrew East]	1	2	3
15 Clerkenwell [St. James]	2	.	2
17 East London [St. Botolph]	.	.	.
18 *East London* [*West London North*]	.	.	.
18 West London [North]	1	.	1
20 Shoreditch [Haggerstone West]	1	4	5
20 *St. Luke* [*Hoxton New Town*]	.	.	.
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	1	4	5
23 St. George-in-the-East [St. John]	.	.	.
24 Stepney [Shadwell]	.	.	.
24 Stepney [Ratcliff]	2	1	3
24 Stepney [Mile End Old Town Lower]	.	.	.
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City* [*Bow*]	.	.	.
25 Poplar [Poplar]	1	3	4
26 St. Saviour [Christchurch]	1	2	3
27 St. Olave [St. John Horselydown]	.	2	2
28 Bermondsey [St. Mary Magdalen]	1	.	1
29 St. George Southwark [Borough Road]	1	.	1
30 Newington [St. Peter Walworth]	.	1	1
31 Lambeth [Lambeth Church 2nd]	2	6	8
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	.	.	.
33 Camberwell [Camberwell]	.	.	.
34 Rotherhithe	.	.	.
35 Greenwich [East]	.	1	1
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	45	54	99
HOSPITALS.			
Military and Naval Asylums :—			
35 Royal Hospital Greenwich [East] Pensioners	4	.	4
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	3	.	3
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	7	.	7
General Hospitals :—			
3 St. George [Belgrave]	1	4	5
4 Westminster [St. Margaret]	3	2	5
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	.	3	3
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	1	.	1
18 St. Bartholomew [West London North]	5	3	8
22 London [Whitechapel Church]	.	1	1
27 Guy's [St. Olave and St. Saviour]	6	2	8
27 St. Thomas [St. Olave & St. Saviour]	.	4	4
Total	16	19	35
Hospitals for Special Diseases :—			
10 Small Pox [Islington West]	3	.	3
10 Fever [Islington West]	1	.	1
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	2	1	3
Total	6	1	7

	M.	F.	T.
HOSPITALS—*continued.*			
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	2	.	2
16 City of London [City Road] Children.	1	.	1
31 Hospital, York Road [Waterloo 2nd part] Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children.	.	.	.
Total	3	.	3
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	1	1	2
20 Miles' [St. Leonard]	.	1	1
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	1	1
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	2	1	3
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	1	1	2
Total	4	5	9
Military and Naval Hospitals :—			
4 Grenadier Guards Hospital [St. John, Westm.]	1	.	1
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	2	.	2
35 Royal Ordnance (Woolwich Arsenal)	3	.	3
36 Dreadnought Ship (for Seamen, Greenwich West)	3	.	3
Total	9	.	9
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	.	.
16 French Hospital [City Road]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	1	1
24 German Jews Hospital [ditto]	.	.	.
Total	.	1	1
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	45	54	99
Military and Naval Asylums	7	.	7
General Hospitals	16	19	35
Hospitals for Special Diseases	6	1	7
Lying-in Hospitals	3	.	3
Lunatic Asylums	4	5	9
Military and Naval Hospitals	9	.	9
Hospitals and Asylums for Foreigners	.	1	1
Prisons	.	.	.
Total in Public Institutions	90	80	170

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 18th January, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.	Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
JANUARY.		in.	°	°	°	°	°	°	°	°	°	°	°	° *			lbs.	lbs.	lbs.	Miles.	
SUNDAY . 12	..	29·852	50·5	46·6	48·1	44·8	53·0	43·2	43·6	39·5	3·3	4·2	1·4	+11·5	S.S.W.	S.S.W.	0·0	0·0	0·0	120	0·00
MONDAY . 13	..	29·667	49·3	45·6	46·6	41·3	52·0	42·0	44·1	40·5	5·3	6·8	3·7	+ 9·9	S.	S.	2·5	0·0	1·3	165	0·00
TUESDAY . 14	..	29·339	46·6	42·8	43·8	38·5	51·0	36·0	44·4	40·5	5·3	7·0	2·9	+ 7·0	S.S.E.	S.E.	2·0	0·0	1·1	145	0·00
WEDNESDAY 15	..	29·008	46·7	39·8	45·4	38·5	50·8	32·0	44·4	41·0	6·9	9·9	5·0	+ 8·5	S.E.	S.	6·0	0·0	3·2	280	0·00
THURSDAY . 16	Greatest Dec. N.	29·541	47·1	37·2	43·9	38·1	52·0	37·0	44·1	40·5	5·8	8·4	2·6	+ 6·9	S.W.; S.	S.	9·6	0·0	3·7	300	0·10
FRIDAY . 17	Full.	29·534	51·5	38·1	45·9	38·1	54·4	29·0	44·4	41·0	7·8	11·2	5·1	+ 8·8	S.W.	S.W.	7·5	0·0	2·5	140	0·13
SATURDAY 18	Perigee.	29·906	48·1	34·7	41·3	36·7	..	31·5	44·4	40·7	4·6	8·3	2·1	+ 4·1	S.W.	S.W.; W.	0·0	0·0	0·0	80	0·32
MEANS . .	..	29·550	48·5	40·7	45·0	39·4	52·2	35·8	44·2	40·5	5·6	8·0	3·3	+ 8·1	S. & S.W.		..	..	..	Sum 1230	Sum 0·55
No. of Columns	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.	
SUNDAY . .	Positive, with strong tension, between Jan. 18, 1h. & 3h.; this was the only time electricity was observed during the week.
MONDAY . .	
TUESDAY .	
WEDNESDAY	
THURSDAY .	
FRIDAY . .	
SATURDAY .	

GENERAL REMARKS.

The clouds were broken between 10h. and 11h. P.M.; otherwise the sky was overcast throughout the day; cirrostratus and scud.

The sky was overcast throughout the day; cirrostratus.

Three-fourths of the sky were covered during the morning and afternoon, and overcast at night; cirrostratus, fleecy clouds and scud.

The sky was for the most part covered with cloud till 4 P.M., and clear afterwards; cirrostratus and scud.

The sky was free from cloud till shortly before noon, and overcast during the remainder of the day; cirrostratus. Heavy rain fell at night.

The sky was clear till 1 P.M.; from this time till 4 P.M. three-fourths were covered with cloud and overcast afterwards; cirrostratus. Rain fell heavily from 10h. P.M.

The sky was generally free from cloud till near 9 h. P.M.; from this time till midnight clouds were prevalent, but variable in amount.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 45·2°; and the mean reading at 9h. P.M. was 46·3°; the mean readings at the Royal Observatory for the same times were 43·3° and 45·1° respectively.

The reading of the barometer decreased from 29·97 in. at the beginning of the week to 28·95 in. on the 15th at 9 A.M.; increased to 29·64 in. by 9 h. A.M. on the 16th; decreased to 29·51 in. by 9h. A.M. on the 17th; and increased to 30·00 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday January 25. [No. 4.

HEALTH OF LONDON DURING THE WEEK.

The present return exhibits a decrease in the mortality of the Metropolitan districts during the week that ended last Saturday; the deaths, which in the two preceding weeks were 1023 and 1037, having now fallen to 956. Taking corresponding weeks of the ten years (1841–50), the lowest return was made in 1846, when the deaths registered were only 908, in a week of unusually high temperature, the mean of which rose about ten degrees above the average; and the highest occurred in 1848, namely 1457 deaths, when influenza had not disappeared, when other epidemics abounded, and the mean temperature was singularly low, having fallen nearly as much below the average as in 1846 it had been above it. The average number of deaths in the ten corresponding weeks was 1104, compared with which (without any correction for supposed increase of population) the account for last week presents a favourable result. But an inspection of the Tables of Ages and Fatal Diseases shows that though there is a marked diminution of mortality from bronchitis, which had previously thinned the ranks of the aged, who are the greatest sufferers by it; and though the number who die from what is rather vaguely described as "old age," has declined from 46 in the preceding week to 35 in the last, and in some complaints common to the young there is also a decrease; yet pneumonia, which is principally fatal to children, has actually increased, and in the epidemic class small-pox and fever exhibit a considerable advance. Zymotic or epidemic diseases in the aggregate have risen from 196 in the previous week to 211 in the last; small-pox from 21 to 32. Of these 32 deaths, 9 occurred above 15 years of age; and in only two cases, out of the whole number from small-pox, does it appear probable that vaccination had been properly performed.

Eight of the deaths from small-pox occurred between the 18th and 25th January in the Hospital for this disease, which was recently removed to Holloway; and with the exception of a child aged 16 months, which had been brought from Rosemary-lane, the ages of the patients ranged from 16 to 23 years. Two were seamen brought from the Dreadnought Hospital ship; three female servants from Mortlake and Marylebone; a married woman from Clerkenwell; and a porter from St. Giles. All the cases are described as "confluent, unprotected," excepting that of a sailor, who is stated to have died from "small-pox, confluent, unmodified (9 days), dysentery (several months), vaccinated when young—no cicatrix."

The Registrars again report various families, which have been fatally visited by this disease, and where vaccination is neglected from "prejudice entertained against it." A house in St. Giles is mentioned, in which a child has died, and six persons are now suffering from

the same complaint; and the medical attendant adds, that the only child that has escaped is one of two months, which had been vaccinated in the Workhouse. In Boswell-court (St. George-the-Martyr), where a child had died without vaccination, the mother and four children are now labouring under small-pox.

In the returns of the week, a child of two years, is stated in the medical certificate, to have died of "exhaustion from ptyalism." Two men died from intemperance.

The births of 764 boys and 759 girls, in all 1523 children, were registered in the week. The average of six corresponding weeks in 1845–50, is 1382.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer was above 30 in. on Thursday and Friday; the mean of the week was 29·850 in. The mean daily temperature was 45°·8 on Tuesday, when it was highest; and 31°·7 on Friday, when it was lowest. The mean of the week was 40°·1, which is 2°·3 above the average of the same week in 10 years. The daily mean was from 4 to 8 degrees above the averages of the several days, on Sunday, Monday, and Tuesday; it then declined till it fell considerably below the average on Friday, when fog prevailed, and continued below it on Saturday. The wind was, for the most part, in the south-west.

The following selections are made from the Registrars' Reports:—

In Marylebone, at 3 Hereford-street, Lisson-grove, on 21st January, the son of a carpenter, aged 5 years, died of "confluent small-pox (2 weeks), not vaccinated." The medical attendant states that "the sister of this child died three weeks ago, with typhoid symptoms, in the premonitory stage of small-pox."

In Pancras, Tottenham sub-district, at 3 Beaumont-place, on 15th January, the son of a shoemaker, aged 1½ years, died of "variola (10 days)." Mr. Wells describes the place as "close, crowded, and badly-drained."

In Pancras, Camden Town sub-district, at 3 Cambridge Crescent, Agar Town, on 19th January, the daughter of a bricklayer's labourer, aged 6 weeks, died of "pneumonia." "This place," says Mr. Holl, "which I have so often reported, is in as bad condition as ever. The wet and mud are intolerable, and the houses scarcely habitable." Another house, situated in a deplorable locality (18 Spann's-buildings), where a child, a year old, died of "inguinal hernia from birth, and diarrhœa (2 weeks)," is described by the informant as "so damp, that he could scrape the water from the walls." In the same sub-district, at 6 Upper Edmund-street, on 19th January, the son of a tailor, aged 18 months, died of "small-pox, unprotected (10 days)." Another child had the same disease, but was recovering. The parents, not having much faith in vaccination, neglected to have any of the children vaccinated.

In St. Giles-in-the-Fields, South sub-district, at 14 Little Wild-street, on 17th January, the son of a smith, aged 1 year, died of "small-pox." Mr. Faulkner observes, that "the mother of the deceased has had 12 children, none of whom have been vaccinated, owing to a prejudice she entertains against it. Another of her children has been attacked with small-pox, and there are no less than 6 people in the same house suffering from the same complaint. The medical attendant says, that the only child in this house that has escaped is one, 2 months old, which was vaccinated in the workhouse."

In Holborn, sub-district of St. George-the-Martyr, at 9 Boswell-court, on 17th January, the son of a cabman, aged 4 months, died of "confluent small-pox (9 days)." Mr. Goodhugh remarks, that "the child had not been vaccinated, objection being entertained to the operation. The mother and 4 children are now very ill from the disease."

In Haggerston West, at 16 Dunstan-street, on 21st January, the daughter of a messenger, aged 15 weeks, died of "small-pox (8 days), not vaccinated." "The father of the deceased," says Mr. Bowring, "has a very strong prejudice against vaccination. There now remain 5 children, under 12 years, none of whom have been vaccinated."

A male child died on 10th January in the sub-district of Old-street, St. Luke's, at the age of 5 weeks, of "rectum imperforatum, peritonitis." This child, which was not expected to live a day when its birth was registered on 5th December, affords a remarkable instance of prolonged existence.

BIRTHS Registered LAST WEEK, and in the FOURTH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1340	1205	1334	1346	1576	1494	1382	1523*
Males. . .	644	635	679	674	814	766	702	764
Females . .	696	570	655	672	762	728	680	759

* The return of Births from the sub-district of Cripplegate, East London, has not been received. Instead of the true number, an average of 14 births, derived from the previous 6 weeks, is inserted above.

DEATHS Registered LAST WEEK, and in the FOURTH Week of Ten previous Years.

	Ages.	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		1107	1116	974	1011	1002	908	1225	1457	1208	1034	1104·2	956
Males . .		561	574	468	513	481	474	631	739	573	503	552·2	451
Females .		546	542	506	498	521	434	594	718	635	526	552·0	505
Deaths at three periods of life . .	0—15	475	458	428	436	421	429	476	639	591	423	477·6	443
	15—60	360	387	331	333	355	276	424	517	385	321	368·9	325
	60 & up.	270	270	214	240	226	202	325	300	224	276	254·7	188

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Nov. 2.	Nov. 9.	Nov. 16.	Nov. 23.	Nov. 30.	Dec. 7.	Dec. 14.	Dec. 21.	Dec. 28.	Jan. 4.	Jan. 11.	Jan. 18.	Jan. 25.
BIRTHS	1519	1577	1581	1381	1482	1558	1434	1477	1370	1592	1580	1599	1523
DEATHS	945	921	908	1016	861	1004	1090	1166	1196	1369	1023	1037	956
DEATHS (except from Violence) . . .	918	907	888	982	840	989	1068	1114	1144	1257	1009	1020	932
Deaths (except from Violence) at 60 years and upwards . .	191	214	180	202	159	218	274	249	219	308	229	214	187
Scarlatina	41	33	39	41	32	35	29	30	22	14	16	19	17
Typhus	65	55	56	47	47	43	37	43	32	48	35	35	41
Diarrhœa & Dysentery	22	20	22	20	14	25	13	18	32	20	16	16	21
Cholera	3	1	..	1	..	..	2	1	..	1	..	1	..
Mean Temperature .	46°·3	50°·2	46°·2	46°·9	40°·5	42°·6	40°·1	38°·6	38°·3	47°·1	42°·2	45°·0	40°·1

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child-birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," or "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite the above heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.										1851			
	38°·1	34°·4	45°·7	38°·8	39°·6	46°·9	32°·2	29°·1	45°·8	35°·5	Mean 38°·6	40°·1—Jan. 25.			
	Jan. 30 1841	Jan. 29 1842	Jan. 28 1843	Jan. 27 1844	Jan. 25 1845	Jan. 24 1846	Jan. 23 1847	Jan. 29 1848	Jan. 27 1849	Jan. 26 1850	Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	1107	1116	974	1011	1002	908	1225	1457	1208	1034	11042	443	325	188	956
SPECIFIED CAUSES	1101	1106	966	1007	999	902	1217	1453	1193	1018	10962	440	324	188	952
1. Zymotic Diseases	200	159	168	168	180	177	153	340	329	158	2032	156	41	14	211
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	55	82	54	57	50	39	59	43	54	45	538	5	25	17	47
3. Tubercular Diseases	160	202	179	183	202	177	198	221	175	175	1872	49	93	6	148
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	147	140	111	136	113	96	128	143	150	120	1284	54	27	31	112
5. Diseases of the Heart and Blood-vessels	22	18	25	33	36	32	54	46	22	32	320	2	26	12	40
6. Diseases of the Lungs, and of the other Organs of Respiration	220	238	166	206	176	188	381	353	245	252	2425	94	45	53	192
7. Diseases of the Stomach, Liver, and other Organs of Digestion	72	61	69	57	66	52	64	63	63	64	631	18	25	11	52
8. Diseases of the Kidneys, &c.	6	7	5	8	3	10	14	19	14	9	95	..	12	4	16
9. Childbirth, Diseases of the Uterus, &c.	22	10	13	8	18	4	17	14	13	8	127	..	10	..	10
10. Rheumatism, Diseases of the Bones, Joints, &c.	8	..	7	4	5	10	11	9	10	7	71	2	6	..	8
11. Diseases of the Skin, Cellular Tissue, &c.	..	..	..	1	..	..	3	2	2	3	11	1	..	..	1
12. Malformations	1	3	1	1	1	2	5	8	4	6	32	1	..	..	1
13. Premature Birth & Debility	28	22	22	20	20	18	25	32	16	31	234	19	2	..	21
14. Atrophy	9	13	14	8	15	12	13	22	20	22	148	18	..	1	19
15. Age	103	109	88	96	88	49	65	72	45	51	766	..	..	35	35
16. Sudden	18	25	17	6	10	11	9	15	8	12	131	5	2	3	10
17. Violence, Privation, Cold, and Intemperance	30	17	27	15	16	25	18	51	23	23	245	16	12	1	29
1.—Small-pox	64	12	14	18	37	5	5	34	16	8	213	23	9	..	32
Measles	15	25	28	22	29	36	11	43	18	28	255	18	1	..	19
Scarlatina	11	11	23	42	28	14	14	38	76	16	273	16	1	..	17
Hooping Cough	49	59	39	28	21	57	50	33	55	27	418	46	..	..	46
Croup	8	10	13	6	5	4	4	6	9	11	76	8	..	..	8
Thrush	8	1	5	2	3	6	3	..	3	3	34	3	..	..	3
Diarrhœa	7	9	3	5	16	9	12	22	17	14	114	14	..	6	20
Dysentery	1	3	1	3	..	1	3	5	5	3	25	1	..	..	1
Cholera	..	..	..	..	1	..	..	..	45	..	46	..	..	..	..
Influenza	2	2	..	4	3	2	7	56	2	2	80	3	1	1	5
Purpura and Scurvy	..	..	..	..	..	1	2	2	1	1	7	..	..	..	..
Ague	..	1	..	..	1	..	1	..	..	..	3	..	..	..	..
Remittent Fever	2	..	..	..	1	..	3	3	2	..	11	2	1	..	3
Infantile Fever	*	*	*	*	*	*	*	2	1	..	3	1	..	..	1
Typhus	24	15	41	32	23	35	28	63	56	27	344	17	19	5	41
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	9	6	6	21	..	5	..	5
Rheumatic Fever	*	*	*	*	*	*	*	2	..	2	4	..	..	..	..
Erysipelas	9	9	1	4	10	3	6	20	17	6	85	3	1	2	6
Syphilis	..	2	..	2	2	3	4	1	..	3	17	1	3	..	4
Noma (or Canker)	*	*	*	*	..	1	..	..	..	1	2	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
2.—Hæmorrhage	5	8	4	4	2	..	4	2	2	5	36	1	..	..	1
Dropsy	34	52	32	38	27	11	24	12	23	16	269	1	9	7	17
Abscess	4	2	..	1	..	2	4	1	4	2	20	1	1	..	2
Ulcer	..	1	1	..	..	2	1	..	3	2	10	..	2	1	3
Fistula	..	..	1	..	..	..	..	1	..	..	2	..	..	..	..
Mortification	4	8	3	6	4	5	6	4	3	4	47	..	..	1	1
Cancer	7	9	11	8	17	19	18	22	19	12	142	2	12	7	21
Gout	1	2	2	..	..	..	2	1	..	4	12	..	1	1	2
3.—Scrofula	2	3	1	1	5	4	6	6	..	8	36	2	1	1	4
Tabes Mesenterica	7	4	5	9	9	9	11	18	15	13	100	8	..	..	8
Phthisis (or Consumption)	125	159	137	132	145	132	146	169	125	128	1398	16	92	5	113
Hydrocephalus	26	36	36	41	43	32	35	28	35	26	338	23	..	..	23

* See Note, p. 27.

in the Fourth Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851			
	38·1°	34·4°	45·7°	38·8°	39·6°	46·9°	32·2°	29·1°	45·8°	35·5°	Mean 38·6°	40·1°—Jan. 25.			
	Jan. 30 1841	Jan. 29 1842	Jan. 28 1843	Jan. 27 1844	Jan. 25 1845	Jan. 24 1846	Jan. 23 1847	Jan. 29 1848	Jan. 27 1849	Jan. 26 1850	Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	6	19	9	10	9	9	15	11	11	6	105	9	4	..	13
Apoplexy	19	17	12	21	13	20	25	19	17	26	189	1	5	15	21
Paralysis	29	17	26	19	15	18	20	25	40	34	243	..	5	13	18
Delirium Tremens	..	3	1	2	4	..	5	3	2	2	22	..	2	..	2
Chorea	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
Epilepsy	4	6	2	5	2	4	8	10	6	3	50	4	5	..	9
Tetanus	..	1	..	1	..	..	..	..	..	..	2	..	..	..	..
Insanity	2	..	..	1	..	1	1	7	5	2	19	..	..	..	..
Convulsions	69	64	52	62	55	37	42	56	50	38	525	35	..	..	35
Disease of Brain, &c.	18	13	9	15	14	7	12	12	19	9	128	5	6	3	14
5.—Pericarditis	2	..	..	1	1	..	6	4	1	2	17	1	2	1	4
Aneurism	1	..	2	..	..	..	..	2	2	..	7	..	1	..	1
Disease of Heart, &c.	19	18	23	32	35	32	48	40	19	30	296	1	23	11	35
6.—Laryngitis	..	1	..	..	..	1	4	3	9	4	22	7	..	1	8
Bronchitis	28	24	21	27	42	68	172	143	104	121	750	21	19	35	75
Pleurisy	5	2	1	3	..	4	7	3	4	5	34	1	1	1	3
Pneumonia	110	115	81	109	75	81	118	156	95	78	1018	64	11	4	79
Asthma	55	65	35	39	40	24	67	26	26	38	415	1	10	10	21
Disease of Lungs, &c.	22	31	28	28	19	10	13	22	7	6	186	..	4	2	6
7.—Teething	19	18	23	9	19	7	15	11	11	9	141	12	..	..	12
Quinsey	2	2	3	1	3	1	1	1	3	1	18	..	..	..	..
Gastritis	17	16	15	1	..	1	1	2	..	3	126	..	..	1	1
Enteritis				10	11	11	7	13	12	6		2	3	2	7
Peritonitis	2	2	2	5	2	3	6	4	4	4	34	..	2	1	3
Ascites	1	1	..	2	1	..	2	2	4	1	14	..	3	..	3
Ulceration (of Intestines)	3	2	5	3	4	3	2	2	2	4	30	..	2	..	2
Hernia	2	2	5	3	3	2	4	3	3	2	29	1	3	2	6
Ileus	5	1	2	2	2	2	2	2	3	2	23	..	..	1	1
Intussusception	..	..	..	..	..	1	1	..	1	..	3	..	..	..	..
Stricture of Intestinal Canal	1	1	1	..	1	..	..	2	1	..	7	..	1	..	1
Disease of Stomach, &c.	7	5	4	5	9	8	10	10	6	11	75	1	4	1	6
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	3	1	1	2	3	3	1	2	3	2	21	..	1	..	1
Jaundice	3	2	1	4	1	2	2	1	2	2	20	1	1	2	4
Disease of Liver	7	8	7	10	7	7	10	8	8	17	89	1	3	1	5
Disease of Spleen	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
8.—Nephritis	2	2	..	..	..	..	..	..	..	1	5	..	2	..	2
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	10	5	1	16	..	6	..	6
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Diabetes	..	1	..	..	..	2	..	2	2	..	7	..	..	..	..
Stone	..	..	..	2	..	..	1	..	1	..	4	..	..	1	1
Cystitis	..	1	1	1	..	..	..	..	..	..	3	..	1	2	3
Stricture of Urethra	1	..	..	2	1	1	1	1	1	..	8	..	..	..	..
Disease of Kidneys, &c.	3	3	4	3	2	7	12	6	5	7	52	..	2	1	3
9.—Paramenia	..	..	1	..	1	..	..	1	2	1	6	..	..	..	..
Ovarian Dropsy	1	2	..	..	3	1	..	2	1	..	10	..	1	..	1
Childbirth (*see* Metria)	18	7	10	7	11	2	12	8	6	5	86	..	4	..	4
Disease of Uterus, &c.	3	1	2	1	3	1	5	3	4	2	25	..	5	..	5
10.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	6	..	2	..	3	1	8	7	8	4	39	..	6	..	6
Disease of Joints, &c.	2	..	5	4	2	9	3	2	2	3	32	2	..	..	2
11.—Carbuncle	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Phlegmon	..	..	..	..	..	..	..	1	1	1	3	..	..	..	..
Disease of Skin, &c.	..	..	..	1	..	..	3	1	1	1	7	1	..	..	1
17.—Intemperance	..	1	..	1	..	1	3	3	1	2	12	..	2	..	2
Privation of Food	2	2	..	..	..	1	1	1	2	1	10	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	6	3	5	14	3	..	..	3
Neglect	*	*	*	*	*	*	*	..	..	1	1	..	..	..	..
Cold	*	*	*	*	*	*	*	1	2	..	3	..	..	..	..
Poison	*	*	*	*	*	*	*	4	..	1	5	..	1	..	1
Burns and Scalds	*	*	*	*	*	*	*	6	5	9	20	3	1	..	4
Hanging and Suffocation	*	*	*	*	*	*	*	5	1	..	6	4	1	..	5
Drowning	*	*	*	*	*	*	*	2	5	..	7	2	3	..	5
Fractures	*	*	*	*	*	*	*	17	4	4	25	3	3	1	7
Wounds	*	*	*	*	*	*	*	5	..	..	5	1	1	..	2
Other Violence	*	*	*	*	*	*	*	1	..	..	1	..	..	..	...
All Violence	28	14	27	14	16	23	14	40	15	14	205	13	10	1	24
Causes not specified	6	10	8	4	3	6	8	4	15	16	80	3	1	..	4

DEATHS Registered in the FOURTH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			38°·1	34°·4	45°·7	38°·8	39°·6	46°·9	32°·2	29°·1	45°·8	35°·5	Mean 38°·6	40°·1
	1831	1841	Jan. 30 1841	Jan. 29 1842	Jan. 28 1843	Jan. 27 1844	Jan. 25 1845	Jan. 24 1846	Jan. 23 1847	Jan. 29 1848	Jan. 27 1849	Jan. 26 1850	Sum of 10 Weeks.	Jan. 25 1851
LONDON	1654994	1948369	1107	1116	974	1011	1002	908	1225	1457	1208	1034	11042	956
1–6. WEST DISTRICTS .	252761	301189	144	178	140	177	148	144	190	222	179	176	1698	123
7–11. NORTH DISTRICTS .	306185	376568	175	198	203	170	179	148	255	247	222	166	1963	199
12–19. CENTRAL DISTRICTS	355502	374199	237	257	174	192	182	172	212	256	212	183	2077	167
20–25. EAST DISTRICTS .	330736	393067	277	240	216	252	224	168	245	348	245	208	2423	232
26–36. SOUTH DISTRICTS .	409810	503346	274	243	241	220	269	276	323	384	350	301	2881	235
1. Kensington . . HL	52981	74881	35	38	30	41	34	40	45	64	49	41	417	35
2. Chelsea . . . *W*H	32371	40243	25	22	22	38	24	29	32	42	30	32	296	21
3. St.GeorgeHanover-sq.H	58209	66657	21	32	30	31	35	24	37	20	34	20	284	25
4. Westminster HHPP	48177	56802	29	44	26	35	36	29	39	44	41	45	368	18
5. St.Martin-in-the-Flds. H	23970	25132	15	20	13	16	7	5	15	26	9	15	141	18
6. St. James Westminster	37053	37457	19	22	19	16	12	17	22	26	16	23	192	6
7. Marylebone . . . H	122206	138383	84	75	82	61	63	61	107	76	68	54	731	69
8. Hampstead	8588	140078	*	*	*	*	*	*	4	6	3	5	18	4
9. Pancras . . *W*HH	103548		49	80	81	56	77	49	90	116	80	56	734	77
10. Islington . . . HP	37316	55779	30	23	20	30	27	21	30	37	49	32	299	30
11. Hackney . . . . H	34527	42328	12	20	20	23	12	17	24	12	22	19	181	19
12. St. Giles	52907	54378	24	52	27	35	24	21	32	29	26	25	295	24
13. Strand (wkh. in 9) . H	42015	43667	23	28	17	18	23	16	27	26	21	19	218	15
14. Holborn	42696	44532	29	33	21	21	13	21	20	40	44	23	265	19
15. Clerkenwell . . PP	47634	56799	45	33	23	30	28	35	27	35	31	28	315	34
16. St. Luke (wkh. in 20) L	46642	49908	31	26	23	17	36	29	14	33	18	22	249	24
17. East London . . . P.	38311	39718	34	26	13	21	24	14	34	28	20	20	234	15
18. West London *W*HPPP	28217	29188	30	29	29	29	13	18	34	46	29	24	281	23
19. City of Lon. (wkh. in 25)	57080	56007	21	30	21	21	21	18	24	19	23	22	220	13
20. Shoreditch . . *W*L	68564	83562	50	50	56	60	48	39	58	93	59	42	555	45
21. Bethnal Green . . L	62018	74209	64	41	31	40	50	21	39	54	60	33	433	42
22. Whitechapel . . . H	64141	71878	58	43	51	47	40	26	44	74	38	42	463	44
23. St. George-in-the-East .	38505	41418	29	27	25	31	22	18	28	36	23	25	264	27
24. Stepney . . . . H	72442	90838	51	62	45	56	46	43	46	62	47	40	498	50
25. Poplar . . . *W*L	25066	31179	25	17	8	18	18	21	30	29	18	26	210	24
26. St. Saviour . . H H	31711	33027	25	21	33	28	26	23	23	33	23	20	255	20
27. St. Olave . . . H H	20021	19869	31	16	13	14	18	29	17	28	20	18	204	10
28. Bermondsey	23741	35002	30	21	18	15	17	23	19	24	26	21	214	21
29. St. Geo. Southwk. LPP	39769	46718	31	26	28	9	32	30	37	44	40	18	295	17
30. Newington . . . P	44526	54693	25	33	18	23	19	31	27	32	31	39	278	24
31. Lambeth	87856	116072	66	58	66	54	51	55	74	82	68	59	633	49
32. Wandsworth . . . L	33090	39918	*	*	*	16	24	21	18	24	45	24	172	17
33. Camberwell . . LL	28231	39931	17	25	24	14	14	11	24	35	23	32	219	18
34. Rotherhithe	12875	13940	11	7	2	7	6	11	6	12	19	5	86	5
35. Greenwich . HHHP	63564	81125	38	36	39	40	62	42	63	56	42	55	473	44
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	15	14	13	10	52	10

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 11042; which divided by 10 gives nearly 1104 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1851, by adding to it an eleventh part; thus, 1104 divided by 11 is nearly 100, which added to 1104, makes the corrected average 1204. The corrected average for small-pox, (see page 28,) or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 213 in 10 weeks; the average was 21; the corrected average 23. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5{\cdot}5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary]	1	.	1
1 Kensington [Town]	1	1	2
1 Hammersmith [St. Paul]	1	.	1
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	.	1	1
2 *St. George Hanover Square [Chelsea N.W.]*	.	.	.
3 St. George Hanover Square [May Fair]	1	.	1
4 Westminster [St. Margaret]	.	.	.
5 St. Martin-in-the-Fields [Charing Cross]	.	.	.
6 St. James Westminster [Golden Square]	.	.	.
7 Marylebone [Rectory]	8	7	15
9 *Strand [Tottenham Court]*	2	1	3
9 Pancras [Camden Town]	5	2	7
10 Islington [West]	.	3	3
11 Hackney [Hackney]	3	.	3
12 St. Giles [South]	5	6	11
14 Holborn [St. Andrew East]	.	.	.
15 Clerkenwell [St. James]	.	.	.
17 East London [St. Botolph]	1	1	2
18 *East London [West London North]*	.	.	.
18 West London [North]	1	1	2
20 Shoreditch [Haggerstone West]	2	2	4
20 *St. Luke [Hoxton New Town]*	.	.	.
21 Bethnal Green [The Green]	4	5	9
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	2	5	7
23 St. George-in-the-East [St. John]	.	.	.
24 Stepney [Shadwell]	.	2	2
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	1	.	1
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	.	3	3
25 Poplar [Poplar]	.	1	1
26 St. Saviour [Christchurch]	.	.	.
27 St. Olave [St. John Horselydown]	.	.	.
28 Bermondsey [St. Mary Magdalen]	1	.	1
29 St. George Southwark [Borough Road]	.	.	.
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2nd]	1	.	1
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	1	1	2
33 Camberwell [Camberwell]	1	.	1
34 Rotherhithe	.	.	.
35 Greenwich [East]	2	2	4
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	44	44	88

HOSPITALS.	M.	F.	T.
Military and Naval Asylums :—			
35 Royal Hospital Greenwich [East] Pensioners	4	.	4
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	.	.	.
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	4	.	4
General Hospitals :—			
3 St. George [Belgrave]	3	4	7
4 Westminster [St. Margaret]	.	1	1
5 Charing Cross [Charing Cross]	1	2	3
7 Middlesex [All Souls]	3	2	5
9 University College [Tottenham Court]	3	6	9
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	.	.	.
18 St. Bartholomew [West London North]	3	6	9
22 London [Whitechapel Church]	5	3	8
27 Guy's [St. Olave and St. Saviour]	1	.	1
27 St. Thomas [St. Olave & St. Saviour]	2	1	3
Total	21	25	46
Hospitals for Special Diseases :—			
10 Small Pox [Islington West]	4	4	8
10 Fever [Islington West]	2	.	2
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	.	.
Total	6	4	10

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c. :—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	.	1
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	.	.
Total	1	.	1
Military and Naval Hospitals :—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	1	.	1
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	1	.	1
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	.	.
16 French Hospital [City Road]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24 German Jews Hospital [ditto]	.	.	.
Total	.	.	.

PRISONS.	M.	F.	T.
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.

	M.	F.	T.
Workhouses	44	44	88
Military and Naval Asylums	4	.	4
General Hospitals	21	25	46
Hospitals for Special Diseases	6	4	10
Lying-in Hospitals	.	.	.
Lunatic Asylums	1	.	1
Military and Naval Hospitals	1	.	1
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	.	.
Total in Public Institutions	77	73	150

Erratum in Return of last Week.—In the City of London Lying-in-Hospital, transfer the figure 2 from the column of *males* to that of *females*.

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 25th January, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Difference between the Dew Point Temperature and Air Temperature. Greatest.	Difference between the Dew Point Temperature and Air Temperature. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure in lbs. on the square foot. Greatest.	Osler's. Pressure in lbs. on the square foot. Least.	Osler's. Pressure in lbs. on the square foot. Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain, in inches, read at 9h. p.m.
JANUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	19	..	29·923	51·3	39·2	44·0	39·9	..	32·0	43·6	40·0	4·1	4·8	2·2	+ 6·6	S.	S.S.E.	2·5	0·0	0·3	150	0·00
MONDAY .	20	..	29·656	47·0	37·8	41·8	39·6	49·0	38·2	42·8	39·5	2·2	3·8	0·7	+ 4·3	S.S.E.	S.	0·0	0·0	0·0	240	0·14
TUESDAY .	21	..	29·378	50·9	40·8	45·8	40·0	52·0	31·0	42·6	39·5	5·8	10·8	1·4	+ 8·2	S.W.	S.W.	5·0	0·0	2·8	120	0·31
WEDNESDAY	22	In Equa.	29·866	46·5	34·9	40·1	34·1	49·0	28·0	42·6	39·5	6·0	10·8	3·1	+ 2·4	S.W.	S.W.	6·0	0·0	3·7	85	0·01
THURSDAY .	23	..	30·212	48·1	34·1	40·0	35·4	50·0	22·5	41·8	38·5	4·6	8·7	1·8	+ 2·1	S.W.	S.W.	0·0	0·0	0·0	65	0·00
FRIDAY .	24	Last Quarter.	30·055	37·3	26·6	31·7	31·4	39·8	24·5	41·6	37·5	0·3	2·1	0·0	— 6·3	S.W.	S.W. and S.E.	0·0	0·0	0·0	50	0·00
SATURDAY	25	..	29·857	43·1	30·6	37·1	33·6	47·0	29·8	40·6	37·0	3·5	7·4	2·4	— 1·0	S.E.	S.S.E. and S.	0·0	0·0	0·0	45	0·00
MEANS . .		..	29·850	46·3	34·9	40·1	36·3	47·7	29·4	42·2	38·8	3·8	6·9	1·6	+ 2·3	S.W.		..	..	..	Sum 755	Sum 0·46
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.	
SUNDAY . .	Nothing was shown at any examination.
MONDAY . .	Nothing was shown throughout the day.
TUESDAY .	Nothing was shown throughout the day.
WEDNESDAY	Nothing was shown throughout the day.
THURSDAY .	Positive, and tension moderate during the afternoon.
FRIDAY . .	Positive, and tension moderate generally throughout the day.
SATURDAY .	Nothing was shown throughout the day.

GENERAL REMARKS.

The amount of cloud was very variable during the morning and afternoon; at night the sky was overcast; cirrostratus.

The sky was overcast throughout the day; cirrostratus. Frequent squalls of wind and rain occurred.

The sky was for the most part covered with cloud till near noon; during the afternoon the amount of cloud was small, and the sky was overcast at night; cirrostratus, fleecy clouds and scud. Rain fell heavily during the evening.

The sky was cloudless throughout the day.

The sky was cloudless till noon; during the afternoon one-fourth part was generally covered with cloud, and it was clear afterwards; cirrostratus and fleecy clouds.

It is believed that the sky was generally free from cloud, but fog was prevalent during the greater part of the day, and it was unusually dense between the hours of 3 and 5 P.M.; at about the latter time. the lights from the gas-lamps were invisible at the distance of a few yards. At 5h P.M. a light air began to blow from the E.S.E., and the fog in a very short time entirely dispersed.

Three-fourths of the sky were covered during the greater portion of the morning and afternoon, and at other times overcast; at night occasional breaks occurred in the clouds, but of small amount; cirrostatus and loose scud.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12. are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 39·3°; and the mean reading at 9h. P.M. was 40·1°; the mean readings at the Royal Observatory for the same times were 37·0° and 39·2° respectively.

The reading of the barometer decreased from 30·00 in. at the beginning of the week to 29·37 in. by noon on the 21st.; increased to 30·23 in. by 9h. P.M. on the 23rd; and decreased to 29·83 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday February 1. [No. 5.

HEALTH OF LONDON DURING THE WEEK.

The decrease in the deaths of London, which was announced in the last return, has been followed by an increase to the same extent, and the rate of mortality is again equal to that which prevailed during the first two weeks of January. The deaths, which in the previous week were 956, have risen to 1041—a number which nearly coincides with the average (namely, 1059) as derived from the returns of ten corresponding weeks in 1841–50; but they are less by 114 than this average, if it be corrected on the assumption that population has increased at the same rate as it did between the censuses of 1831 and 1841. The following statement of mortality at several periods of life shows that the increase now observed on the preceding week, though considerable, is entirely confined to persons of mature years, the numbers of the young, who died under 15 years, remaining precisely the same; and it also appears that, as compared with the average of former years, last week's mortality gives a small increase among persons of middle age: results which in part are apparently due to the fact that 153 deaths, being more than the usual number, are entered in the present Bill as caused by consumption; and though pneumonia has latterly been diminished in fatality to the young, bronchitis has become more fatal to the more advanced in life.

	Average of 10 corresponding weeks (1841–50).	Deaths in previous week, ending Jan. 25, 1851.	Deaths last week.
From birth to 15 years - - -	458	443	443
„ 15 years to 60 - - -	346	325	356
„ 60 and upwards - - -	252	188	232

In the epidemic class, small-pox was fatal last week to 16 children and 3 men, whose ages were between 20 and 35 (the 19 deaths from this disease showing a decrease of 13 on the previous week); measles was fatal to 30 children, being an increase; scarlatina to 16 lives, hooping-cough to 51. Typhus and diarrhœa seem to increase slightly, and the deaths from these in this return are 48 and 25 respectively. This class, which now comprises 230 deaths, is above the average, and seems to make progress.

Out of the whole number of cases in which small-pox was fatal, it is stated only in three that vaccination had been performed. The Registrar of Christchurch, Marylebone, mentions that 12 deaths, caused by this disease, were registered in his sub-district in January, which, with one exception, were those of children, and in only one of these cases had vaccination been permitted by the parents, though gratuitously offered to nearly all. A man of 24 years, who died in Bath-street, City-road, from confluent small-pox, after 15 days' illness, is reported to have been vaccinated three times ineffectually. The death of

an infant, aged only 12 days, was caused by "chicken-pox (12 days' illness) terminating in convulsions, with congestion of the brain and bowels."

In St. James, Bermondsey, at 4 Providence-buildings, a boy aged 7 years died of "arachnitis (3 weeks)." Mr. Martin, the Registrar, adds that "several children who live on this spot are now ill; the tidal ditch is abominably offensive, and worse than he has ever known it at this season during upwards of 20 years, and yet it affords the only water which some of the inhabitants of Jacob's Island are able to procure for drink. He has another patient in the same court, whose life, he believes, will be sacrificed to the surrounding abominations."

The births of 773 boys and 764 girls, in all 1537 children, were registered in the week. The average number in six corresponding weeks of 1845–50 was 1395.

At the Royal Observatory, Greenwich, the mean height of the barometer in the week was 29·498 in. The mean daily temperature was, on every day except Sunday and Saturday, above the average of the same day in 10 years. It has shown considerable fluctuations during the week. Having been 36°·5 on Sunday, it rose to 49°·2 on Wednesday, when it was highest, and exceeded the average by 10°·8. It then continued to fall till it was only 37°·6 on Saturday. The mean temperature of the week was 41°·1. The wind was generally in the south-west till Saturday, when it turned to north.

The following selections are made from the Registrars' Reports:—

In St. George, sub-district of May-Fair, at 10 Carrington-street, on 26th January, the daughter of a servant, aged 6 years, died of "typhus (3 weeks), hydrocephalus (4 days)." "This street (says Mr. Ashford) contains more inhabitants than is convenient, and the drains are defective."

In Marylebone, sub-district of Christchurch, at 47 Lisson-street, on 30th January, an ostler, aged 34 years, died of "variola (natural), 10 days." Mr. Obré makes the following observations:—"The children of the deceased had been vaccinated, but unfortunately he had neglected to obtain protection for himself. Twelve deaths from small-pox were registered in this sub-district in the month of January, all amongst children, except one. Only one child, 9 years of age, who had always been in bad health, and sunk into a typhoid state almost immediately on receiving the infection, had been vaccinated. The parents in nearly all the cases had been offered gratuitous vaccination for their children, but for various reasons declined."

In Pancras, Somers Town, at 22 Crescent-street, on 28th January, the daughter of a French polisher, aged 7 months, died of "confluent small-pox (duration unknown), dentition, hydrocephalus internus." Mr. Matthews states that "she had been only one day from Tottenham-place before the disease appeared, which, according to the doctor's statement, was of the worst description. Three children had taken the complaint; one had recovered, and one is now at the Small-pox Hospital, in a very bad state. The parents had the greatest objection to vaccination. Eight children of the landlord are in the same house, 3 of whom have been affected, but only in a slight degree in consequence of previous vaccination."

In Islington (East sub-district), at 2 Albion-place, Ball's-pond, on 25th January, the son of a butcher, aged 3 months, died of "diarrhœa (3 days)." "This house (says Mr. Butterfield) consists of four rooms, one being occupied by a mangle. The other three are inhabited by 17 persons, nine of whom live in a single room."

In Haggerstone West, at 13 Mary-street, on 30th January, the son of a town traveller, aged 10 months, died of "hooping-cough, convulsions." The cause of death is not certified, and Mr. Bowring accounts for the circumstance by adding that "the case was seen

by one of the parish doctors two months ago, but as it was considered hopeless, his visits were discontinued."

In Bethnal Green, Hackney-road sub-district, at 2 Virginia-row, on 28th January, the daughter of a weaver, aged 1 year, died of "pneumonia (3 weeks)." Mr. Murray describes the street as "crowded and having cesspool drainage, though a good sewer runs through it."

BIRTHS Registered LAST WEEK, and in the FIFTH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1236	1310	1525	1367	1443	1488	1395	1537
Males. . .	626	698	779	689	733	770	716	773
Females . .	610	612	746	678	710	718	679	764

DEATHS Registered LAST WEEK, and in the FIFTH Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		926	1025	780	1086	1011	901	1153	1478	1137	1094	1059·1	1041*
Males . .		452	526	390	548	507	465	554	714	580	528	526·4	537
Females .		474	499	390	538	504	436	599	764	557	566	532·7	504
Deaths at three periods of life . .	Ages.												
	0—15	444	408	334	453	461	418	437	630	575	423	458·3	443
	15—60	293	336	255	375	338	292	377	481	342	366	345·5	356
	60 & up.	189	281	190	254	212	190	339	366	199	295	251·5	232

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

* The Return of Deaths for the sub-district of Leather-market, Bermondsey, was not received in time for insertion in the Tables. An average of 10, derived from deaths in the previous six weeks, is inserted instead. The true number is now ascertained to be 4.

BIRTHS and DEATHS registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Nov. 9.	Nov. 16.	Nov. 23.	Nov. 30.	Dec. 7.	Dec. 14.	Dec. 21.	Dec. 28.	Jan. 4.	Jan. 11.	Jan. 18.	Jan. 25.	Feb. 1.
BIRTHS	1577	1581	1381	1482	1558	1434	1477	1370	1592	1580	1599	1523	1537
DEATHS	921	908	1016	861	1004	1090	1166	1196	1369	1023	1037	956	1041
DEATHS (except from Violence) . . .	907	888	982	840	989	1068	1114	1144	1257	1009	1020	932	1029
Deaths (except from Violence) at 60 years and upwards . .	214	180	202	159	218	274	249	219	308	229	214	187	230
Scarlatina	33	39	41	32	35	29	30	22	14	16	19	17	16
Typhus	55	56	47	47	43	37	43	32	48	35	35	41	48
Diarrhœa & Dysentery	20	22	20	14	25	13	18	32	20	16	16	21	29
Cholera	1	..	1	..	..	2	1	..	1	..	1	..	..
Mean Temperature .	50°·2	46°·2	46°·9	40°·5	42°·6	40°·1	38°·6	38°·3	47°·1	42°·2	45°·0	40°·1	41°·1

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child-birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," or "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite the above heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 41°·1—Feb. 1.			
	25°·8	38°·5	43°·6	38°·2	33°·4	48°·1	41°·2	40°·8	40°·6	41°·8	Mean 39°·2				
	Feb. 6 1841	Feb. 5 1842	Feb. 4 1843	Feb. 3 1844	Feb. 1 1845	Jan. 31 1846	Jan. 30 1847	Feb. 5 1848	Feb. 3 1849	Feb. 2 1850	Sum of 10 Weeks	0	15	60	All Ages.
ALL CAUSES	926	1025	780	1086	1011	901	1153	1478	1137	1094	10591	443	356	232	1041†
SPECIFIED CAUSES	916	1015	769	1080	1004	896	1152	1476	1111	1082	10501	441	356	232	1029
1. Zymotic Diseases	179	132	140	176	201	184	138	364	346	168	2028	173	37	20	230
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	52	63	56	68	64	43	58	45	33	46	528	4	24	13	41
3. Tubercular Diseases	169	170	133	222	164	173	161	215	169	179	1759	64	126	9	199
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	94	117	96	132	125	109	128	156	110	138	1205	47	38	33	118
5. Diseases of the Heart and Blood-vessels	19	19	22	34	29	29	48	50	41	45	336	4	23	15	42
6. Diseases of the Lungs, and of the other Organs of Respiration	180	270	115	209	176	163	355	362	203	247	2284	78	65	63	206
7. Diseases of the Stomach, Liver, and other Organs of Digestion	62	52	44	63	56	55	67	72	43	64	584	10	19	17	46
8. Diseases of the Kidneys, &c.	2	4	3	5	6	7	20	11	10	20	88	..	7	2	9
9. Childbirth, Diseases of the Uterus, &c.	13	12	13	12	10	10	15	10	9	9	113	1	4	1	6
10. Rheumatism, Diseases of the Bones, Joints, &c.	4	8	10	4	4	10	10	7	8	9	74	..	3	3	6
11. Diseases of the Skin, Cellular Tissue, &c.	..	..	1	1	..	1	2	3	1	2	11	2	1	..	3
12. Malformations	1	..	3	1	3	6	3	4	5	1	27	4	..	..	4
13. Premature Birth & Debility	25	27	14	14	20	19	21	34	20	20	214	24	..	..	24
14. Atrophy	5	11	9	13	12	12	23	27	20	23	155	18	3	1	22
15. Age	72	104	83	85	89	50	69	77	52	68	749	..	..	49	49
16. Sudden	18	10	12	16	10	5	10	6	20	18	125	3	2	4	9
17. Violence, Privation, Cold, and Intemperance	21	16	11	19	35	20	24	29	21	25	221	9	4	2	15
1.—Small-pox	59	8	13	18	42	7	2	28	23	5	205	17	3	..	20
Measles	15	12	16	28	36	30	9	33	17	22	218	30	..	..	30
Scarlatina	10	8	19	31	35	19	14	57	62	13	268	15	1	..	16
Hooping Cough	57	68	33	37	26	76	38	33	73	33	474	51	..	..	51
Croup	5	5	11	5	9	5	6	7	5	4	62	9	..	..	9
Thrush	2	2	1	3	1	..	3	3	4	..	19	5	..	..	5
Diarrhœa	3	7	4	3	5	5	13	19	28	21	108	20	2	3	25
Dysentery	2	3	2	2	1	1	..	2	6	3	22	1	1	2	4
Cholera	..	..	..	1	1	1	..	..	37	2	42	..	..	..	..
Influenza	1	2	1	1	3	2	8	59	7	3	87	1	..	5	6
Purpura and Scurvy	..	..	..	..	..	..	2	3	2	1	8	1	..	..	1
Ague	..	2	..	..	..	..	..	1	1	..	4	..	1	..	1
Remittent Fever	..	..	..	2	..	2	2	1	2	3	12	..	..	..	..
Infantile Fever	*	*	*	*	*	*	*	1	..	1	2	2	..	..	2
Typhus	21	12	35	38	32	28	32	86	55	35	374	19	20	9	48
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	13	10	7	30	..	5	..	5
Rheumatic Fever	*	*	*	*	*	*	*	1	1	1	3	..	..	..	..
Erysipelas	4	3	5	6	7	5	6	14	13	10	73	..	2	1	3
Syphilis	..	..	..	1	1	3	3	3	..	4	15	1	2	..	3
Noma (or Canker)	*	*	*	*	1	..	..	..	..	..	1	1	..	..	1
Hydrophobia	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
2.—Hæmorrhage	1	4	5	9	3	5	..	2	2	..	31	1	3	1	5
Dropsy	28	39	31	42	41	17	29	22	10	23	282	1	6	7	14
Abscess	3	2	2	2	..	..	2	4	..	2	17	2	..	..	2
Ulcer	1	3	..	..	..	1	4	1	1	..	11	..	..	..	..
Fistula	..	1	..	..	..	1	..	..	..	..	2	..	..	..	..
Mortification	7	1	5	3	2	2	2	2	4	3	31	..	1	..	1
Cancer	10	12	10	10	17	17	19	14	15	17	141	..	14	3	17
Gout	2	1	3	2	1	..	2	..	1	1	13	..	..	2	2
3.—Scrofula	..	3	1	4	4	5	6	10	7	2	42	6	..	..	6
Tabes Mesenterica	4	3	2	8	9	12	11	22	18	7	96	8	..	..	8
Phthisis (or Consumption)	131	129	97	162	121	120	115	155	116	137	1283	18	126	9	153
Hydrocephalus	34	35	33	48	30	36	29	32	28	33	338	32	..	..	32

* See Note, p. 35.

† See page 35.

in the Fifth Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 41°·1—Feb. 1.			
	25°·8	38°·5	43°·6	38°·2	33°·4	48°·1	41°·2	40°·8	40°·6	41°·8	Mean 39°·2°				
	Feb. 6	Feb. 5	Feb. 4	Feb. 3	Feb. 1	Jan. 31	Jan. 30	Feb. 5	Feb. 3	Feb. 2	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
4.—Cephalitis	12	12	9	13	11	18	10	13	10	16	124	9	4	..	13
Apoplexy	15	18	21	22	26	23	23	25	22	31	226	1	9	19	29
Paralysis	11	12	10	24	13	17	34	29	16	34	200	..	6	6	12
Delirium Tremens	2	3	1	1	2	3	2	2	..	1	17	..	4	..	4
Chorea	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Epilepsy	4	5	3	3	6	4	6	6	7	7	51	2	7	..	9
Tetanus	..	1	..	..	..	..	..	..	1	1	3	..	..	..	..
Insanity	1	2	..	..	2	2	3	3	2	1	16	..	..	1	1
Convulsions	41	48	43	53	58	32	37	61	41	30	444	34	1	..	35
Disease of Brain, &c.	8	16	9	16	7	10	12	17	11	17	123	1	7	7	15
5.—Pericarditis	..	1	1	2	4	..	3	5	1	5	22	..	1	..	1
Aneurism	2	1	..	1	..	2	2	2	2	1	13	..	4	..	4
Disease of Heart, &c.	17	17	21	31	25	27	43	43	38	39	301	4	18	15	37
6.—Laryngitis	..	..	1	2	3	1	1	4	3	4	19	4	..	..	4
Bronchitis	22	41	11	25	35	62	159	157	78	126	716	19	35	38	92
Pleurisy	..	4	1	1	2	2	2	5	1	3	21	..	..	2	2
Pneumonia	98	123	70	106	79	75	126	137	91	75	980	54	16	6	76
Asthma	42	76	22	49	35	14	44	43	22	33	380	1	7	13	21
Disease of Lungs, &c.	18	26	14	26	22	9	23	16	8	6	168	..	7	4	11
7.—Teething	15	13	17	10	13	4	9	7	10	16	114	7	..	..	7
Quinsey	2	3	1	6	2	1	2	1	1	3	22	..	..	..	..
Gastritis }	15	17	7	..	..	2	..	2	..	1	107	..	..	..	..
Enteritis }				9	17	8	8	10	3	8		1	..	2	3
Peritonitis	1	1	..	1	2	1	3	9	1	6	25	..	4	1	5
Ascites	..	1	..	5	1	3	3	4	1	3	21	..	1	..	1
Ulceration (of Intestines)	1	1	..	5	4	1	..	1	1	..	14	..	..	1	1
Hernia	2	2	..	4	3	4	6	5	4	7	37	..	..	4	4
Ileus	3	2	1	7	3	5	2	5	1	..	29	..	1	1	2
Intussusception	..	..	..	1	..	1	2	..	..	1	5	..	..	..	..
Stricture of Intestinal Canal	1	1	1	1	..	1	..	..	..	2	7	..	..	..	..
Disease of Stomach, &c.	6	2	5	7	5	8	14	9	4	6	66	1	..	1	2
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	4	2	2	2	..	4	2	8	4	1	29	..	3	3	6
Jaundice	3	..	2	5	1	5	1	3	2	2	24	1	2	1	4
Disease of Liver	9	7	8	6	5	5	15	8	11	8	82	..	8	3	11
Disease of Spleen	..	..	..	..	..	2	..	..	..	..	2	..	..	..	..
8.—Nephritis	..	..	..	..	..	2	2	..	..	1	5	..	1	..	1
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	3	2	2	7	..	3	1	4
Ischuria	..	..	..	..	..	..	2	..	..	1	3	..	..	..	..
Diabetes	1	..	..	..	1	..	..	..	..	..	2	..	..	..	..
Stone	..	..	..	1	..	2	4	1	2	1	11	..	..	..	..
Cystitis	..	1	..	..	1	..	..	..	..	3	5	..	..	..	..
Stricture of Urethra	..	..	..	..	..	..	2	..	1	2	5	..	1	1	2
Disease of Kidneys, &c.	1	3	3	4	4	3	10	7	5	10	50	..	2	..	2
9.—Paramenia	1	1	..	..	1	..	..	..	..	..	3	..	..	..	..
Ovarian Dropsy	..	..	..	1	..	2	3	1	1	2	10	..	..	..	..
Childbirth (*see* Metria)	8	11	11	10	8	8	7	5	4	7	79	..	4	..	4
Disease of Uterus, &c.	4	..	2	1	1	..	5	4	4	..	21	1	..	1	2
10.—Arthritis	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Rheumatism	2	2	4	1	2	6	5	2	4	2	30	..	3	2	5
Disease of Joints, &c.	2	6	6	3	2	4	4	5	4	7	43	..	..	1	1
11.—Carbuncle	..	..	..	1	..	..	..	1	..	..	2	..	1	..	1
Phlegmon	..	..	..	..	..	..	2	..	..	..	2	1	..	..	1
Disease of Skin, &c.	..	..	1	..	..	1	..	2	1	2	7	1	..	..	1
17.—Intemperance	..	..	..	1	4	2	..	4	1	..	12	..	..	..	..
Privation of Food	1	2	..	..	..	..	..	1	..	2	6	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	4	2	4	10	2	..	..	2
Neglect	*	*	*	*	*	*	*	..	..	..	..	1	..	..	1
Cold	*	*	*	*	*	*	*	1	..	..	1	..	..	..	..
Poison	*	*	*	*	*	*	*	3	1	..	4	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	3	1	7	11	2	..	..	2
Hanging and Suffocation	*	*	*	*	*	*	*	1	2	2	5	2	1	..	3
Drowning	*	*	*	*	*	*	*	4	4	1	9	..	3	..	3
Fractures	*	*	*	*	*	*	*	5	7	8	20	1	..	2	3
Wounds	*	*	*	*	*	*	*	2	..	..	2	..	..	..	..
Other Violence	*	*	*	*	*	*	*	1	3	1	5	1	..	..	1
All Violence	20	14	11	18	31	18	24	19	18	19	192	6	4	2	12
Causes not specified	10	10	11	6	7	5	1	2	26	12	90	2	..	..	12†

† See page 35.

DEATHS Registered in the FIFTH WEEK of each of the following Years, with the Mean Temperatures for th same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			25°·8	38°·5	43°·6	38°·2	33°·4	48°·1	41°·2	40°·8	40°·6	41°·8	Mean 39°·2	41°·1
	1831	1841	Feb. 6 1841	Feb. 5 1842	Feb. 4 1843	Feb. 3 1844	Feb. 1 1845	Jan. 31 1846	Jan. 30 1847	Feb. 5 1848	Feb. 3 1849	Feb. 2 1850	Sum of 10 Weeks.	Feb. 1 1851
LONDON	1654994	1948369	926	1025	780	1086	1011	901	1153	1478	1137	1094	10591	1041
1–6. WEST DISTRICTS .	252761	301189	155	148	125	134	142	156	159	192	213	149	1573	149
7–11. NORTH DISTRICTS .	306185	376568	178	197	153	189	189	144	202	251	192	198	1893	188
12–19. CENTRAL DISTRICTS	355502	374199	188	212	142	194	195	149	192	286	189	191	1938	172
20–25. EAST DISTRICTS .	330736	393067	206	205	176	246	221	196	278	323	215	255	2321	214
26–36. SOUTH DISTRICTS .	409810	503346	199	263	184	323	264	256	322	426	328	301	2866	318
1. Kensington . . HL	52981	74881	35	27	29	30	31	48	38	41	54	34	367	48
2. Chelsea . . . *W*H	32371	40243	24	23	18	24	28	31	23	38	46	34	289	21
3. St.GeorgeHanover-sq.H	58209	66657	20	32	27	21	30	22	35	21	22	30	260	26
4. Westminster HHPP	48177	56802	38	37	24	34	30	33	32	49	57	26	360	36
5. St.Martin-in-the-Flds. H	23970	25132	22	13	13	10	12	9	14	13	11	14	131	10
6. St. James Westminster	37053	37457	16	16	14	15	11	13	17	30	23	11	166	8
7. Marylebone . . . H	122206	138383	66	65	56	62	63	41	77	85	72	70	657	67
8. Hampstead	8588	140078	*	*	*	*	*	*	4	5	1	3	13	2
9. Pancras . . *W*HH	103548		80	85	67	83	79	59	75	102	56	70	756	63
10. Islington . . . HP	37316	55779	17	19	21	34	21	20	25	34	33	35	259	36
11. Hackney . . . . H	34527	42328	15	28	9	10	26	24	21	25	30	20	208	20
12. St. Giles	52907	54378	19	34	24	26	16	18	27	49	24	22	259	17
13. Strand (wkh. in 9) . H	42015	43667	15	18	16	23	19	21	20	35	28	14	209	18
14. Holborn	42696	44532	23	25	9	19	21	25	21	34	29	30	236	27
15. Clerkenwell . . PP	47634	56799	31	31	17	31	24	24	30	34	26	33	281	28
16. St. Luke (wkh. in 20) L	46642	49908	22	31	18	26	27	12	22	42	29	27	256	23
17. East London . . . P.	38311	39718	29	20	16	16	29	13	18	39	13	15	208	27
18. West London *W*HPPP	28217	29188	29	23	29	28	37	18	29	30	17	31	271	16
19. City of Lon. (wkh. in 25)	57080	56007	20	30	13	25	22	18	25	23	23	19	218	16
20. Shoreditch . . *W*L	68564	83562	46	33	43	42	52	43	68	92	53	56	528	54
21. Bethnal Green . . L	62018	74209	38	27	21	44	34	24	50	30	35	68	371	22
22. Whitechapel . . . H	64141	71878	52	46	35	45	37	37	38	82	41	36	449	42
23. St. George-in-the-East .	38505	41418	25	36	20	36	24	21	28	31	10	15	246	16
24. Stepney . . . . H	72442	90838	38	53	47	61	52	42	67	62	54	45	521	63
25. Poplar . . . *W*L	25066	31179	7	10	10	18	22	29	27	26	22	35	206	17
26. St. Saviour . . H H	31711	33027	19	23	22	19	19	17	21	34	20	22	216	25
27. St. Olave . . . H H	20021	19869	25	20	11	28	15	29	31	22	24	19	224	22
28. Bermondsey	29741	35002	7	24	14	32	19	18	22	25	31	26	218	26
29. St. Geo. Southwk. LPP	39769	46718	19	36	19	25	21	29	29	66	21	25	290	32
30. Newington . . . P	44526	54693	24	21	20	40	34	26	37	44	36	33	315	27
31. Lambeth	87856	116072	41	77	47	67	49	68	68	100	61	58	636	69
32. Wandsworth . . . L	33090	39918	*	*	*	18	27	9	12	19	35	22	142	21
33. Camberwell . . LL	28231	39931	15	18	19	35	22	15	27	29	24	27	231	20
34. Rotherhithe	12875	13940	9	8	9	15	13	4	9	8	8	8	91	5
35. Greenwich . HHHP	63564	81125	40	36	23	44	45	41	55	61	58	52	455	59
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	11	18	10	9	48	12

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10591; which divided by 10 gives nearly 1059 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1851, by adding to it an eleventh part; thus, 1059 divided by 11 is nearly 96, which added to 1059, makes the corrected average 1155. The corrected average for small-pox, (see page 36,) or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 205 in 10 weeks; the average was 21; the corrected average 23. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5{\cdot}5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	1	.	1
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	.	.	.
2 *St. George Hanover Square [Chelsea N.W.]*	.	1	1
3 St. George Hanover Square [May Fair]	.	.	.
4 Westminster [St. Margaret]	4	1	5
5 St. Martin-in-the-Fields [Charing Cross]	3	.	3
6 St. James Westminster [Golden Square]	1	.	1
7 Marylebone [Rectory]	2	5	7
9 *Strand [Tottenham Court]*	.	1	1
9 Pancras [Camden Town]	4	5	9
10 Islington [West]	1	.	1
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	4	.	4
14 Holborn [St. Andrew East]	1	2	3
15 Clerkenwell [St. James]	3	.	3
17 East London [St. Botolph]	.	3	3
18 *East London [West London North]*	1	.	1
18 West London [North]	.	2	2
20 Shoreditch [Haggerstone West]	1	4	5
20 *St. Luke [Hoxton New Town]*	2	3	5
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	2	8	10
23 St. George-in-the-East [St. John]	1	1	2
24 Stepney [Shadwell]	.	1	1
24 Stepney [Ratcliff]	1	3	4
24 Stepney [Mile End Old Town Lower]	2	.	2
24 City of London [ditto]	.	1	1
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	2	.	2
25 Poplar [Poplar]	2	.	2
26 St. Saviour [Christchurch]	3	.	3
27 St. Olave [St. John Horselydown]	.	.	.
28 Bermondsey [St. Mary Magdalen]	1	1	2
29 St. George Southwark [Borough Road]	1	.	1
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2nd]	6	2	8
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	1	.	1
33 Camberwell [Camberwell]	1	.	1
34 Rotherhithe	.	1	1
35 Greenwich [East]	2	3	5
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	53	48	101

HOSPITALS.	M.	F.	T.
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	8	1	9
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	2	.	2
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	10	1	11
General Hospitals:—			
3 St. George [Belgrave]	3	1	4
4 Westminster [St. Margaret]	1	.	1
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	1	.	1
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	3	.	3
18 St. Bartholomew [West London North]	1	3	4
22 London [Whitechapel Church]	.	.	.
27 Guy's [St. Olave and St. Saviour]	8	4	12
27 St. Thomas [St. Olave & St. Saviour]	2	4	6
Total	19	12	31
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	1	.	1
10 Fever [Islington West]	.	1	1
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	3	1	4
Total	4	2	6

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	1	.	1
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	2	3
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	1	1
Total	2	3	5
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	1	.	1
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	2	.	2
35 Royal Ordnance (Woolwich Arsenal)	3	.	3
36 Dreadnought Ship (for Seamen, Greenwich West)	4	.	4
Total	10	.	10
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	.	.
16 French Hospital [City Road]	2	.	2
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24 German Jews Hospital [ditto]	.	.	.
Total	2	.	2

PRISONS.	M.	F.	T.
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	2	.	2
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	2	.	2

	M.	F.	T.
Workhouses	53	48	101
Military and Naval Asylums	10	1	11
General Hospitals	19	12	31
Hospitals for Special Diseases	4	2	6
Lying-in Hospitals	.	.	.
Lunatic Asylums	2	3	5
Military and Naval Hospitals	10	.	10
Hospitals and Asylums for Foreigners	2	.	2
Prisons	2	.	2
Total in Public Institutions	102	66	168

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 1st February, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Difference between the Dew Point Temperature and Air Temperature. Greatest.	Difference between the Dew Point Temperature and Air Temperature. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure in lbs. on the square foot. Greatest.	Osler's. Pressure in lbs. on the square foot. Least.	Osler's. Pressure in lbs. on the square foot. Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
JANUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	26	..	29·658	39·5	34·8	36·5	34·4	..	30·0	39·6	36·5	2·1	6·2	0·4	— 1·7	S.S.E.	S.E.	0·0	0·0	0·0	100	0·00
MONDAY .	27	..	29·827	48·5	35·0	41·0	35·2	53·5	31·0	39·1	35·7	5·8	8·1	2·3	+ 2·7	S.W.	S.W. and S.	0·0	0·0	0·0	100	0·00
TUESDAY .	28	..	29·664	49·0	36·6	43·5	37·0	50·0	37·0	39·6	36·0	6·5	11·0	2·3	+ 5·1	S.	S.W.	5·0	0·0	0·7	170	0·10
WEDNESDAY	29	Greatest Dec. S.	29·549	53·5	43·4	49·2	45·8	55·0	33·8	40·8	37·0	4·4	6·1	1·4	+10·8	S.W.	S.W.	6·0	0·0	2·8	230	0·05
THURSDAY .	30	..	29·357	46·5	37·8	41·2	34·4	52·0	30·0	41·6	38·3	6·8	10·6	2·2	+ 2·7	S.W.	S.W. and S.	6·5	0·0	1·0	105	0·48
FRIDAY .	31	..	29·090	44·3	34·3	39·0	36·7	..	30·0	41·6	38·0	2·3	4·8	1·0	+ 0·4	S.W.	W.S.W. & Calm.	1·4	0·0	0·0	25	0·12
1851.—FEB. SATURDAY	1	New.	29·339	43·3	34·8	37·6	35·0	49·0	31·0	41·1	37·7	2·6	7·9	1·8	— 1·0	Calm.	N.	0·0	0·0	0·0	85	0·00
MEANS . .		..	29·498	46·4	36·7	41·1	36·9	51·9	31·8	40·5	37·0	4·3	7·8	1·6	+ 2·7	S.W.		..	..	..	Sum 815	Sum 0·75
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	No electricity was shown during the week.
MONDAY . .	
TUESDAY .	
WEDNESDAY	
THURSDAY .	
FRIDAY . .	
SATURDAY .	

GENERAL REMARKS.

The sky was generally overcast throughout the day. Sleet was falling at 11h. P.M.

With the exception of small portions of cirrocumuli during the afternoon hours, the sky was nearly cloudless till 11h. P.M., and rain then was falling.

The sky was cloudless after 5h. A.M., and continued so till after noon; at 3h. P.M. one-third part was covered, and shortly afterwards it was overcast. Rain was falling early in the morning, and again during the evening.

The sky was overcast. Heavy rain fell at night, and the wind was blowing strongly.

Rain fell in heavy squalls, both in the morning and at night. At times during the day the sky was partially free from cloud.

Rain was falling heavily during the morning, the weather was fine, and the sky partially clear, during the midday hours, and the sky was overcast at night.

The sky was overcast till after noon, and was partially covered by thin clouds till the evening. The horizon was thick and obscured all the day.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 41·5°; and the mean reading at 9h. P.M. was 40·3°; the mean readings at the Royal Observatory for the same times were 40·1° and 40·5° respectively.

The reading of the barometer decreased from 29·83 in. at the beginning of the week to 29·08 in. on the 31st at noon.; and increased to 29·38 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday February 8. [No. 6.

HEALTH OF LONDON DURING THE WEEK.

A gradual increase in the mortality is represented by the following numbers of deaths returned in the last three weeks: 956, 1041, and 1109. In the ten weeks of 1841–50, corresponding to that which ended last Saturday, the average number was 1063, which, if corrected for comparison with the mortality of the present time by assuming the annual increase of population at 1·55 per cent., becomes 1160. This estimated amount differs in no very considerable degree from the 1109 deaths registered last week. The increase, equal to 68, in the present return over the preceding week (ending February 1) arose almost entirely amongst the young, the number of persons who died above 15 years, having been about 590, and remaining in both weeks nearly the same. It is further to be observed, however, that notwithstanding an excess in the general result, the mortality from epidemics is perceptibly diminished amongst the middle-aged and the old, whilst complaints of that class, to which the young are subject, if not declining, do not appear to be gaining ground. The excess of last week over the previous is due, in great part, to the aggravated fatality of pneumonia, and likewise bronchitis, amongst young persons. The aggregate of deaths caused by diseases of the respiratory organs, comprising all ages, was last week 253, which exhibits an increase on the average. The tubercular class, including consumption, numbered 172, which is less than the average, the destructive malady now mentioned claiming 113 out of these, being less than its usual contingent at this time.

In the epidemic class, small-pox destroyed 20 children, and 5 persons above 15 years; and in only 3 of the 25 cases there is probable ground for inferring that vaccination had been performed with effect and in sufficient time previous to the eruption of the disease. A few examples of this rather prevalent complaint, in connexion with remarks of the Registrars, are selected from the records of the week:—

On 31st January and 5th February, in Lumley-court, sub-district of Charing Cross, the daughters of a carman, aged 1 and 3 years, died of "variola natural (7 days)." According to Mr. Leonard's statement, "these fatal cases of small-pox are the result of carelessness and apathy on the part of the parents, who live within 40 yards of a free vaccination station. The first case in this court occurred in a house opposite, but sufficient time for vaccination of these children elapsed before they were seized. Several have been vaccinated,

and up to this time have escaped small-pox; but some parents, whose children have received protection, with much selfishness refuse the vaccine lymph to others."

On 6th February, at Cambridge-crescent, Agar Town (Camden Town sub-district), the son of a brewer's servant, aged 3 years, died of "confluent small-pox (10 days), not vaccinated." The houses (says Mr. Holl) are crowded, damp, and wretched; many are occupied by two families, though they consist of only two rooms each. Vaccination was not obtained in the above case, in consequence of prejudice against it entertained by parents.

In St. Luke's, City-road, at 15 Bath-buildings, on 4th February, the son of a printer, aged 3 weeks, died of "small-pox (5 days)." Mr. Hamlin mentions that "three other children in the family are ill with the same disease. The informant believes that it was aggravated by smell arising from nuisances in this and adjoining houses, which belong to one landlord, are let for lodgings, and have not been properly cleansed for years. The drainage is very defective."

In Haggerstone West, at Mary-street, on 4th February, the son of a carpenter, aged 6 months, died of "variola (2 weeks), vaccinated 3 weeks ago." Mr. Bowring states, that "the disease has been in the house for the last six weeks, and it was with much difficulty that the medical attendant could prevail on the parents to allow the deceased to be vaccinated."

The births of 848 boys and 756 girls, in all 1604 children, were registered in the week. The average of six corresponding weeks in 1845–50, was 1464.

At the Royal Observatory, Greenwich, the mean reading of the barometer in the week, was 29·700 in. The mean daily temperature was lowest on the first three days of the week; on the remainder it was above the average of the several days in 10 years, especially on Wednesday and Saturday, when it was about 6° above the average. The mean of the week was 40°·5, exceeding the average by 2°. The wind, which blew from the north on Sunday, was mostly in the south and south-west on the last four days.

The following selections are made from the Registrars' Reports:—

In Camden Town sub-district, at 22 Weston-place, on 29th January, a widow, aged 62 years, died of "chronic pneumonia (2 years)." Great annoyance (says Mr. Holl, the Registrar) arises from the gulleys of the sewer. The stench is intolerable. Also, at 6 Clarence-passage, Pancras-road, on 29th January, the son of a labourer, aged 13 years, "pneumonia (9 days)." "This passage and the other courts leading out of the old St. Pancras-road are of the most offensive and unhealthy character. The house in which the death occurred is very old, containing 4 rooms, each room being occupied by a separate family. The body was to be buried on Sunday, the 9th inst.—so it lay in the room by the side of the living family, consisting of 6 persons, for 12 days. The father said they had not had the means of burying before. It is to be observed that the room is ill ventilated, and used for all purposes of cooking, eating, drinking, and sleeping."

In Bethnal-green, Hackney-road sub-district, at 16 Somerset-buildings, on 1st February, the son of a carman, aged 3 years, died of "measles (14 days) pneumonia (14 days)." The place is described by Mr. Murray as damp in winter from defective drainage. Nichol's-row, Half Nichol-street, and Gibraltar-walk, where deaths occurred, are also unfavourably mentioned, as undrained, or drained in a defective manner.

BIRTHS Registered LAST WEEK, and in the SIXTH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1289	1544	1326	1457	1673	1497	1464	1604
Males. . .	689	747	694	777	846	785	756	848
Females . .	600	797	632	680	827	712	708	756

DEATHS Registered LAST WEEK, and in the SIXTH Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		1137	1042	864	1076	1018	914	1103	1324	1196	957	1063·1	1109
Males . .		569	535	443	537	510	456	538	674	594	477	533·3	564
Females .		568	507	421	539	508	458	565	650	602	480	529·8	545
	Ages.												
Deaths at three periods of life . .	0—15	469	440	362	460	442	452	427	592	574	420	463·8	515
	15—60	394	363	320	368	338	287	378	422	381	308	355·9	346
	60 & up.	273	235	181	248	238	175	297	310	239	222	241·8	247

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Nov. 16.	Nov. 23.	Nov. 30.	Dec. 7.	Dec. 14.	Dec. 21.	Dec. 28.	Jan. 4.	Jan. 11.	Jan. 18.	Jan. 25.	Feb. 1.	Feb. 8.
BIRTHS	1581	1381	1482	1558	1434	1477	1370	1592	1580	1599	1523	1537	1604
DEATHS	908	1016	861	1004	1090	1166	1196	1369	1023	1037	956	1041	1109
DEATHS (except from Violence) . . .	888	982	840	989	1068	1114	1144	1257	1009	1020	932	1029	1074
Deaths (except from Violence) at 60 years and upwards . .	180	202	159	218	274	249	219	308	229	214	187	230	240
Scarlatina	39	41	32	35	29	30	22	14	16	19	17	16	15
Typhus	56	47	47	43	37	43	32	48	35	35	41	48	34
Diarrhœa & Dysentery	22	20	14	25	13	18	32	20	16	16	21	29	18
Cholera	..	1	..	..	2	1	..	1	..	1	..	..	..
Mean Temperature .	46°·2	46°·9	40°·5	42°·6	40°·1	38°·6	38°·3	47°·1	42°·2	45°·0	40°·1	41°·1	40°·5

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child-birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," or "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite the above heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851			
	32°·4	42°·0	34°·7	33°·9	33°·0	43°·9	34°·8	45°·4	45°·0	44°·0	Mean 38°·9	40°·5—Feb. 8.			
	Feb. 13 1841	Feb. 12 1842	Feb. 11 1843	Feb. 10 1844	Feb. 8 1845	Feb. 7 1846	Feb. 6 1847	Feb. 12 1848	Feb. 10 1849	Feb. 9 1850	Sum of 10 Weeks	0	15	60	All Ages.
ALL CAUSES	1137	1042	864	1076	1018	914	1103	1324	1196	957	10631	515	346	247	1109†
SPECIFIED CAUSES	1128	1033	849	1071	1015	911	1100	1323	1195	949	10574	512	345	245	1103†
1. Zymotic Diseases	190	161	132	186	188	170	144	313	345	152	1981	169	23	15	207
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	76	78	62	63	60	53	49	41	47	44	573	3	23	26	52
3. Tubercular Diseases	203	186	185	208	194	164	194	208	162	170	1874	69	99	4	172
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	128	123	110	130	124	137	126	152	132	125	1287	52	36	29	117
5. Diseases of the Heart and Blood-vessels	20	21	15	34	34	33	49	32	40	31	309	6	28	16	50
6. Diseases of the Lungs, and of the other Organs of Respiration	212	210	137	239	174	144	291	315	234	175	2131	107	71	75	253
7. Diseases of the Stomach, Liver, and other Organs of Digestion	63	60	61	50	63	59	70	73	69	66	634	22	30	10	62
8. Diseases of the Kidneys, &c.	6	9	5	6	5	8	8	11	13	11	82	..	3	4	7
9. Childbirth, Diseases of the Uterus, &c.	17	7	15	5	8	8	13	15	11	6	105	..	8	..	8
10. Rheumatism, Diseases of the Bones, Joints, &c.	6	6	4	3	3	14	7	6	9	8	68	4	6	1	11
11. Diseases of the Skin, Cellular Tissue, &c.	..	2	2	..	..	3	1	3	1	..	12	..	1	..	1
12. Malformations	..	1	2	2	2	8	5	8	3	3	34	5	..	..	5
13. Premature Birth & Debility	13	21	17	18	19	25	31	18	17	22	201	28	2	..	30
14. Atrophy	15	4	5	11	13	23	21	20	26	27	165	25	..	..	25
15. Age	120	106	67	85	70	35	68	71	47	56	725	..	..	56	56
16. Sudden	31	15	8	11	23	7	1	11	15	8	130	2	2	1	5
17. Violence, Privation, Cold, and Intemperance	28	23	22	20	33	20	22	26	24	45	263	20	13	8	42†
1.—Small-pox	54	7	11	17	33	5	7	33	15	8	190	20	5	..	25
Measles	13	19	13	30	27	26	8	34	13	18	201	27	..	..	27
Scarlatina	12	14	15	37	34	16	17	53	55	11	264	15	..	..	15
Hooping Cough	56	71	36	44	35	51	36	16	58	36	439	59	..	..	59
Croup	12	6	4	8	11	7	2	8	4	2	64	8	..	..	8
Thrush	6	5	1	2	6	3	7	2	4	3	39	1	..	..	1
Diarrhœa	3	5	6	6	5	15	16	23	32	20	131	10	1	5	16
Dysentery	1	1	4	1	3	..	3	5	5	4	27	1	..	1	2
Cholera	..	..	1	..	..	..	..	1	55	..	57	..	..	..	..
Influenza	2	6	2	5	1	..	4	47	4	2	73	1	3	..	4
Purpura and Scurvy	..	..	..	..	..	..	2	..	..	..	2	..	..	..	..
Ague	..	..	..	1	1	1	..	1	..	..	4	..	..	..	..
Remittent Fever	..	..	1	..	..	..	3	2	4	1	11	2	..	..	2
Infantile Fever	*	*	*	*	*	*	*	3	..	..	3	1	..	..	1
Typhus	26	20	30	30	24	37	28	60	71	27	353	20	9	5	34
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	10	11	5	26	..	4	..	4
Rheumatic Fever	*	*	*	*	*	*	*	1	1	3	5	1	..	1	2
Erysipelas	5	6	8	3	7	8	10	11	11	10	79	3	1	3	7
Syphilis	..	1	..	1	1	1	1	3	1	1	10	..	..	..	..
Noma (or Canker)	*	*	*	*	..	..	..	..	1	1	2	..	..	..	..
Hydrophobia	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
2.—Hæmorrhage	4	1	4	4	5	4	3	1	2	2	30	1	1	..	2
Dropsy	57	58	42	41	37	20	22	18	22	13	330	..	5	11	16
Abscess	3	1	1	2	..	2	..	3	3	3	18	..	..	..	..
Ulcer	..	2	1	..	..	..	2	1	1	..	7	1	..	..	1
Fistula	..	..	..	1	..	1	..	..	..	..	2	..	1	..	1
Mortification	3	1	7	2	2	4	5	4	5	7	40	1	1	3	5
Cancer	8	15	6	12	15	21	14	12	14	17	134	..	15	12	27
Gout	1	..	1	1	1	1	3	2	..	2	12	..	..	..	..
3.—Scrofula	1	1	3	2	1	8	3	4	8	4	35	5	2	..	7
Tabes Mesenterica	4	5	6	5	10	7	14	22	12	8	93	11	1	..	12
Phthisis (or Consumption)	154	142	140	166	154	111	148	147	113	135	1410	13	96	4	113
Hydrocephalus	44	38	36	35	29	38	29	35	29	23	336	40	..	..	40

* See Note, p. 43.

† The age of a male found drowned was not stated.

the Sixth Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851			
	32·4°	42·0°	34·7°	33·9°	33·0°	43·9°	34·8°	45·4°	45·0°	44·0°	Mean 38·9°	40·5°—Feb. 8.			
	Feb. 13 1841	Feb. 12 1842	Feb. 11 1843	Feb. 10 1844	Feb. 8 1845	Feb. 7 1846	Feb. 6 1847	Feb. 12 1848	Feb. 10 1849	Feb. 9 1850	Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	12	10	8	13	10	16	11	11	11	10	112	9	1	..	10
Apoplexy	18	24	21	26	20	18	30	30	23	13	223	1	11	13	25
Paralysis	27	21	13	21	28	25	26	25	29	31	246	..	9	10	19
Delirium Tremens	..	4	1	..	1	2	3	7	6	3	27	..	1	..	1
Chorea	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
Epilepsy	2	4	2	1	4	5	10	12	4	5	49	..	3	..	3
Tetanus	..	1	..	1	..	..	..	..	..	..	2	..	2	..	2
Insanity	1	1	..	3	1	2	1	2	1	..	12	..	..	1	1
Convulsions	61	52	47	59	48	55	32	54	48	49	505	35	..	..	35
Disease of Brain, &c.	7	6	18	5	12	14	13	11	10	14	110	7	9	5	21
5.—Pericarditis	1	1	1	1	1	2	1	2	3	3	16	..	3	..	3
Aneurism	1	..	..	1	2	3	1	1	2	1	12	..	1	1	2
Disease of Heart, &c.	18	20	14	32	31	28	47	29	35	27	281	6	24	15	45
6.—Laryngitis	..	1	1	1	3	7	6	6	7	4	36	5	..	..	5
Bronchitis	24	36	21	39	37	46	111	121	93	84	612	34	35	48	117
Pleurisy	4	1	2	1	1	2	6	5	4	..	26	1	1	4	6
Pneumonia	96	94	80	111	84	71	114	129	103	69	951	67	13	6	86
Asthma	70	61	16	70	34	8	36	40	18	12	365	..	18	11	29
Disease of Lungs, &c.	18	17	17	17	15	10	18	14	9	6	141	..	4	6	10
7.—Teething	15	18	19	17	15	13	10	13	10	10	140	11	..	..	11
Quinsey	3	..	3	..	2	..	2	3	3	1	17	..	1	..	1
Gastritis }	15	16	14	1	2	1	1	3	1	1	132	1	1	1	3
Enteritis }				12	19	7	9	14	10	6		2	5	..	7
Peritonitis	2	1	2	1	1	4	5	5	5	5	31	..	2	..	2
Ascites	1	..	..	1	..	1	1	1	2	4	11	..	1	..	1
Ulceration (of Intestines)	1	..	1	1	2	2	3	3	2	1	16	2	1	..	3
Hernia	8	1	1	3	1	4	8	3	3	4	36	..	2	2	4
Ileus	1	2	1	1	3	3	3	3	2	6	25	1	2	1	4
Intussusception	..	..	..	..	..	2	..	..	2	1	5	2	1	..	3
Stricture of Intestinal Canal	..	1	..	..	1	1	..	1	..	3	7	..	1	1	2
Disease of Stomach, &c.	5	7	5	3	6	5	10	7	9	8	65	1	1	3	5
Disease of Pancreas	..	..	..	..	..	..	..	1	..	..	1	..	1	..	1
Hepatitis	..	4	1	3	..	2	5	4	5	6	30	1	4	1	6
Jaundice	3	1	2	2	..	1	2	2	7	1	21	1	1	..	2
Disease of Liver	9	9	12	5	11	13	11	10	8	9	97	..	6	1	7
Disease of Spleen	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8.—Nephritis	..	1	..	..	..	..	..	..	1	2	4	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	1	1	4	6	..	3	1	4
Ischuria	1	..	..	..	..	..	..	..	..	1	2	..	..	..	..
Diabetes	2	..	..	..	..	..	..	2	1	1	6	..	..	..	..
Stone	..	..	1	..	..	1	..	1	1	..	4	..	..	..	..
Cystitis	..	..	..	1	..	..	1	1	..	..	3	..	..	..	..
Stricture of Urethra	..	1	1	2	..	1	1	2	..	..	8	..	..	1	1
Disease of Kidneys, &c.	3	7	3	3	5	6	6	4	9	3	49	..	..	2	2
9.—Paramenia	..	..	..	..	..	..	1	..	1	..	2	..	1	..	1
Ovarian Dropsy	1	..	..	1	1	..	2	1	2	1	9	..	1	..	1
Childbirth (*see* Metria)	12	6	11	4	7	7	8	6	6	4	71	..	4	..	4
Disease of Uterus, &c.	4	1	4	..	..	1	2	8	2	1	23	..	2	..	2
10.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	5	1	3	..	3	8	1	4	6	7	38	1	2	..	3
Disease of Joints, &c.	1	5	1	3	2	6	6	2	3	1	30	3	4	1	8
11.—Carbuncle	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
Phlegmon	..	..	..	..	..	2	1	1	..	..	4	..	1	..	1
Disease of Skin, &c.	..	1	2	..	..	1	..	2	1	..	7	..	..	..	..
17.—Intemperance	..	..	1	..	..	1	1	..	3	2	8	..	..	1	1
Privation of Food	3	..	1	..	1	..	1	1	..	1	8	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	8	1	5	14	5	..	..	5
Neglect	*	*	*	*	*	*	*	..	..	1	1	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	1	1	1	3	..	2	..	2
Burns and Scalds	*	*	*	*	*	*	*	..	3	16	19	7	..	1	8
Hanging and Suffocation	*	*	*	*	*	*	*	5	4	2	11	4	..	1	5
Drowning	*	*	*	*	*	*	*	3	6	3	12	..	4	1	6†
Fractures	*	*	*	*	*	*	*	6	2	11	19	4	5	3	12
Wounds	*	*	*	*	*	*	*	2	1	1	4	..	2	1	3
Other Violence	*	*	*	*	*	*	*	..	3	2	5	..	..	..	..
All Violence	25	23	20	20	32	19	20	17	20	36	232	15	13	7	35
Causes not specified	9	9	15	5	3	3	3	1	1	8	57	3	1	2	6

* See page 43.

† The age of a male found drowned was not stated.

DEATHS Registered in the SIXTH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			32°·4	42°·0	34°·7	33°·9	33°·0	43°·9	34°·8	45°·4	45°·0	44°·0	Mean 38°·9	40°·5
	1831	1841	Feb. 13 1841	Feb. 12 1842	Feb. 11 1843	Feb. 10 1844	Feb. 8 1845	Feb. 7 1846	Feb. 6 1847	Feb. 12 1848	Feb. 10 1849	Feb. 9 1850	Sum of 10 Weeks.	Feb. 8 1851
LONDON	1654994	1948369	1137	1042	864	1076	1018	914	1103	1324	1196	957	10631	1109
1–6. WEST DISTRICTS .	252761	301189	162	177	120	148	160	140	171	180	181	137	1576	155
7–11. NORTH DISTRICTS .	306185	376568	197	187	161	216	189	189	233	233	253	175	2033	181
12–19. CENTRAL DISTRICTS	355502	374199	253	208	174	214	180	155	182	226	191	175	1958	198
20–25. EAST DISTRICTS .	330736	393067	247	219	176	222	234	187	229	299	256	188	2257	255
26–36. SOUTH DISTRICTS .	409810	503346	278	251	233	276	255	243	288	386	315	282	2807	320
1. Kensington . . HL	52981	74881	34	42	26	46	37	42	43	48	36	39	393	40
2. Chelsea . . . *W*H	32371	40243	20	23	21	28	29	12	20	37	29	28	256	28
3. St.GeorgeHanover-sq.H	58209	66657	26	33	25	22	23	32	25	23	40	22	271	30
4. Westminster HHPP	48177	56802	42	38	26	25	40	26	48	35	44	26	350	28
5. St.Martin-in-the-Flds. H	23970	25132	16	16	7	13	11	12	19	19	15	11	139	13
6. St. James Westminster	37053	37457	15	25	15	14	20	16	16	18	17	11	167	16
7. Marylebone . . . H	122206	138383	80	83	58	93	71	76	88	68	75	65	757	52
8. Hampstead	8588	140078	*	*	*	*	*	*	4	3	4	6	17	3
9. Pancras . . *W*HH	103548		68	66	63	72	70	70	87	100	86	70	752	80
10. Islington . . . HP	37316	55779	23	21	29	32	28	25	32	36	27	22	275	32
11. Hackney . . . . H	34527	42328	26	17	11	19	20	18	22	26	61	12	232	14
12. St. Giles	52907	54378	32	32	23	31	29	19	27	31	13	28	265	27
13. Strand (wkh. in 9) . H	42015	43667	18	27	15	28	24	13	17	25	25	19	211	29
14. Holborn	42696	44532	36	21	29	32	20	13	28	29	23	22	253	24
15. Clerkenwell . . PP	47634	56799	42	21	19	23	25	34	21	34	28	23	270	29
16. St. Luke (wkh. in 20) L	46642	49908	30	26	24	32	26	18	17	36	24	20	253	24
17. East London . . . P.	38311	39718	31	20	15	27	18	22	25	24	14	15	211	23
18. West London *W*HPPP	28217	29188	31	31	26	20	16	19	18	21	17	28	227	17
19. City of Lon. (wkh. in 25)	57080	56007	33	30	23	21	22	17	29	26	47	20	268	25
20. Shoreditch . . *W*L	68564	83562	48	50	32	43	53	49	47	79	69	36	506	57
21. Bethnal Green . . L	62018	74209	51	44	24	43	43	25	39	50	47	27	393	46
22. Whitechapel . . . H	64141	71878	51	36	44	42	49	37	50	64	47	37	457	42
23. St. George-in-the-East .	38505	41418	39	22	19	26	31	13	24	29	21	16	240	21
24. Stepney . . . . H	72442	90838	40	51	46	50	42	46	50	47	57	45	474	72
25. Poplar . . . *W*L	25066	31179	18	16	11	18	16	17	19	30	15	27	187	17
26. St. Saviour . . H H	31711	33027	15	22	18	25	25	20	22	28	28	24	227	34
27. St. Olave . . . H H	20021	19869	25	27	33	40	9	19	17	15	20	39	244	27
28. Bermondsey	29741	35002	21	22	13	17	22	21	22	33	23	27	221	16
29. St. Geo. Southwk. LPP	39769	46718	30	29	27	21	23	30	37	25	23	20	265	40
30. Newington . . . P	44526	54693	40	22	18	32	27	20	31	48	31	24	293	27
31. Lambeth	87856	116072	67	58	65	63	68	45	60	77	65	59	627	66
32. Wandsworth . . . L	33090	39918	*	*	*	10	8	16	14	35	31	19	133	20
33. Camberwell . . LL	28231	39931	18	22	20	17	20	20	25	30	25	19	216	25
34. Rotherhithe	12875	13940	4	6	4	10	10	8	3	12	8	2	67	10
35. Greenwich . HHHP	63564	81125	58	43	35	41	43	44	52	60	52	42	470	47
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	5	23	9	7	44	8

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10631; which divided by 10 gives nearly 1063 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1851, by adding to it an eleventh part; thus, 1063 divided by 11 is nearly 97, which added to 1063, makes the corrected average 1160. The corrected average for small-pox, (see page 44,) or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 190 in 10 weeks; the average was 19; the corrected average 21. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5{\cdot}5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary]	.	2	2
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	1	.	1
1 Fulham [Fulham]	.	1	1
2 Chelsea [North West]	2	2	4
2 *St. George Hanover Square* [*Chelsea N.W.*]	.	1	1
3 St. George Hanover Square [May Fair]	.	.	.
4 Westminster [St. Margaret]	2	1	3
5 St. Martin-in-the-Fields [Charing Cross]	1	1	2
6 St. James Westminster [Golden Square]	.	3	3
7 Marylebone [Rectory]	7	.	7
9 *Strand* [*Tottenham Court*]	2	5	7
9 Pancras [Camden Town]	2	5	7
10 Islington [West]	.	.	.
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	5	5	10
14 Holborn [St. Andrew East]	1	4	5
15 Clerkenwell [St. James]	1	.	1
17 East London [St. Botolph]	1	2	3
18 *East London* [*West London North*]	.	.	.
18 West London [North]	.	.	.
20 Shoreditch [Haggerstone West]	3	1	4
20 *St. Luke* [*Hoxton New Town*]	.	.	.
21 Bethnal Green [The Green]	3	2	5
22 Whitechapel [Mile End New Town]	1	.	1
22 Whitechapel [North]	3	6	9
23 St. George-in-the-East [St. John]	3	.	3
24 Stepney [Shadwell]	1	4	5
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	1	.	1
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City* [*Bow*]	1	2	3
25 Poplar [Poplar]	.	.	.
26 St. Saviour [Christchurch]	4	2	6
27 St. Olave [St. John Horselydown]	.	.	.
28 Bermondsey [St. Mary Magdalen]	2	.	2
29 St. George Southwark [Borough Road]	2	2	4
30 Newington [St. Peter Walworth]	.	2	2
31 Lambeth [Lambeth Church 2nd]	1	1	2
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	1	.	1
33 Camberwell [Camberwell]	1	.	1
34 Rotherhithe	.	.	.
35 Greenwich [East]	2	1	3
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	54	55	109

HOSPITALS.

	M.	F.	T.
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	10	.	10
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	2	.	2
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	12	.	12
General Hospitals:—			
3 St. George [Belgrave]	1	2	3
4 Westminster [St. Margaret]	1	1	2
5 Charing Cross [Charing Cross]	2	.	2
7 Middlesex [All Souls]	.	.	.
9 University College [Tottenham Court]	5	3	8
9 Royal Free Hospital [Gray's-inn lane]	.	.	.
13 King's College [St. Clement Danes]	3	2	5
18 St. Bartholomew [West London North]	2	1	3
22 London [Whitechapel Church]	4	4	8
27 Guy's [St. Olave and St. Saviour]	4	6	10
27 St. Thomas [St. Olave & St. Saviour]	5	5	10
Total	27	24	51
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	.	2	2
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	.	.
Total	.	2	2

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	1	1
31 Hospital, York Road [Waterloo 2nd part]. Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Children.	.	.	.
Total	.	1	1
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	1	.	1
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	1	5	6
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	2	2	4
33 Peckham House [Camberwell]	.	1	1
33 Camberwell House [Camberwell]	.	.	.
Total	4	8	12
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	1	.	1
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	4	.	4
Total	5	.	5
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	1	.	1
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
24 German Jews Hospital [ditto]	.	1	1
Total	1	1	2

PRISONS.

4 Bridewell [St. Margaret, Westminster]	.	1	1
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 Bridewell [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	1	1

Workhouses	54	55	109
Military and Naval Asylums	12	.	12
General Hospitals	27	24	51
Hospitals for Special Diseases	.	2	2
Lying-in Hospitals	.	1	1
Lunatic Asylums	4	8	12
Military and Naval Hospitals	5	.	5
Hospitals and Asylums for Foreigners	1	1	2
Prisons	.	1	1
Total in Public Institutions	103	92	195

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 8th February, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
FEBRUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	2	..	29·448	40·5	33·4	36·2	35·2	44·0	26·0	41·1	37·5	1·0	1·2	0·0	+ 2·4	N.	Calm.	0·0	0·0	0·0	25	0·16
MONDAY .	3	..	29·428	44·5	31·2	38·6	36·3	47·0	27·0	40·6	36·7	2·3	6·4	0·0	— 0·1	S.	S.W.	0·0	0·0	0·0	140	0·05
TUESDAY .	4	..	29·778	44·3	32·5	37·2	34·0	48·0	27·8	40·1	36·5	3·2	9·0	0·0	— 1·5	W.	N.W. and S.W.	0·0	0·0	0·0	105	0·01 0·07
WEDNESDAY	5	..	29·562	52·3	33·8	44·4	43·3	55·5	31·0	39·8	36·5	1·1	3·3	0·0	+ 5·6	S.	S.S.W.	7·5	0·0	3·0	275	
THURSDAY .	6	In Equa.	29·834	48·3	35·0	39·9	31·9	49·8	27·0	40·1	36·5	8·0	12·9	4·0	+ 1·1	W.S.W.	S.W.	3·6	0·0	0·8	115	0·08
FRIDAY .	7	..	29·962	48·3	32·5	41·8	40·2	53·0	37·2	40·6	36·7	1·6	4·0	2·1	+ 3·0	S.	S.W.	2·5	0·0	0·5	265	0·02
SATURDAY	8	..	29·885	51·1	41·6	45·3	36·6	53·8	28·0	41·6	37·5	8·7	14·1	3·1	+ 6·5	S.W.	N.	5·0	0·0	1·0	125	0·00
MEANS . .		..	29·700	47·0	34·3	40·5	36·8	50·2	29·1	40·6	36·8	3·7	7·3	1·3	+ 2·4	Variable.		..	..	..	Sum 1050	Sum 0·39
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.	
SUNDAY . .	At Feb. 4th, 3h. P.M., positive and tension strong. This was the only time electricity was shown during the week.
MONDAY . .	
TUESDAY .	
WEDNESDAY	
THURSDAY .	
FRIDAY . .	
SATURDAY .	

GENERAL REMARKS.

The sky was covered with cloud during the morning and afternoon, and generally clear at night; cirrostratus and scud. Rain fell generally till near noon.

The sky was overcast throughout the day; cirrostratus. Thick fog prevailed during the morning. Rain fell during the evening.

The sky was obscured by thin stratus and fog till noon. During the afternoon the amount of cloud was variable, and the sky was clear at night.

The sky was overcast throughout the day; cirrostratus and scud. Rain fell frequently, and at times heavily.

The sky was free from cloud till near noon; three-fourths were covered during the afternoon, and it was clear at night; cirrostratus and fragments of scud.

The sky was overcast throughout the day; cirrostratus and scud. Rain fell during the morning, and occasionally during the evening.

Till the evening the sky was partially covered with cumuli, cirrocumuli, and cirrostrati; the night was cloudless. The day was fine, with a dry atmosphere. The degree of humidity for the day was 0·74 only, and that for the week was 0·88, complete saturation being represented by unity.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans.*, *Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 39·9°; and the mean reading at 9h. P.M. was 41·1°; the mean readings at the Royal Observatory for the same times were 39·4° and 40·5° respectively.

The reading of the barometer increased from 29·38 in. at the beginning of the week to 29·88 in. by 9h. P.M. on the 4th; it decreased to 29·39 in. by 9h. P.M. on the 5th; increased to 30·06 in. by 9h. A.M. on the 7th; decreased to 29·81 in. by 9h. A.M. on the 8th, and increased to 30·02 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday February 15. [No. 7.

HEALTH OF LONDON DURING THE WEEK.

The present return indicates some improvement in the public health. Under the influence of more favourable weather the deaths, which in the first week of February were 1109, have fallen to 1036; and this tendency of the mortality to decline is perceived both amongst young and old.

In the ten corresponding weeks of 1841–50 the average number of deaths was 1050, which, if corrected for comparison with the mortality of last week, becomes 1145. On this latter result, the 1036 deaths of last week show a decrease of 109. However, an important difference is perceptible between the two classes of old and young persons, for, while nearly as many of the latter are now dying as usual for the period, the mortality of the aged has fallen considerably below the corrected average.

In the zymotic class of fatal diseases, small-pox destroyed 26 lives; and in 8 of these cases the sufferers were between 15 and 50 years of age. On the 8th of February, at 16 Bishops' Mews, Paddington, a labourer, aged 47 years, who had never been vaccinated, died of confluent small-pox (after 12 days' illness); and on the following day, at No. 1 in the same Mews, the wife of an ostler, aged 25, who had been vaccinated when a child, died of the disease 13 days after the eruption. A boy also died of small-pox at Church-place in the same sub-district. Four deaths occurred on the 7th, 8th, and 12th of February in the Small-pox Hospital at Holloway, at the several ages of 29, 32, 33, and 39. A woman, who was brought from Westbourne-place, and died of "small-pox confluent, unmodified (14 days' illness)," had been vaccinated young, and had "one very small cicatrix." An ostler, who came from Bartholomew-close, and a bricklayer from Islington, were not protected by vaccination; and a seaman from Sweden also died in the Hospital of "small-pox confluent, unmodified (12 days' illness)," though he had been vaccinated when young in his native country, and had three cicatrices. Out of the 26 fatal cases of this disease, it is only recorded in five that the patients had been previously vaccinated.

As regards other epidemics, measles carried off 29 children, scarlatina 19, hooping-cough 43, and croup 10, these complaints not differing materially from their several

averages. Typhus numbers 43 victims, the majority being of middle-age; whilst the average number in ten corresponding weeks was 37.

Complaints of the respiratory organs are now less fatal, and have declined to near the average. Consumption, under which a greater number fall than any other malady, was fatal to 124 persons, of whom 105 had reached some period of life between 15 years and 60. The average of this disease, raised for increase of population, nearly equals 150.

The births of 821 boys and 755 girls, in all 1576 children, were registered in the week. The average number in six corresponding weeks of 1845–50, was 1373.

At the Royal Observatory, Greenwich, the barometer was high during the week. The mean daily reading was above 30 in. on every day, except Thursday; the mean of the week was 30·130 in. The mean daily temperature was steady, and differed little each day from the average of the same day in ten years till Saturday, when it declined to 36°·7, about 2 degrees below the average. On that day the highest reading (48°·5) was also the highest of the week, and the lowest reading (or 27°·6) was also the lowest of the week. The mean temperature of the week was 39°·6.

The following selections are made from the Registrars' Reports:—

In Pancras, subdistrict of Somers Town, at 23 Drummond-crescent, on 9th February, a cab-driver, aged 32 years, was "found dead." The coroner's jury adds, "disease of the heart and mortal effects of the foul air of the room, where he slept." Mr. Matthews states, that he died "in a back kitchen about 10 feet; three persons slept in one room, namely, the cabman, a stonemason, and a hair-bristler."

In Pancras, subdistrict of Camden Town, at 23 Ashby-street, on 12th February, the daughter of a labourer, aged 16 months, died of "bronchitis, laryngitis, pneumonia (7 days), produced by inhaling the steam of boiling-water." The child had attempted to drink boiling-water from the kettle. In the same sub-district, at 4 Wood's-place, Paradise-row, on 9th February, a bricklayer, aged 51 years, died of "phthisis, pleuritis, dyspnœa (3 days)." Mr. Holl describes this as "a dirty and crowded locality, inhabited generally by costermongers of the poorest class."

In Holborn district, at 13 Tindall's-buildings, Gray's-inn-lane, on 10th February, the daughter of a labourer, aged 2 years, died of "small-pox (1 week)." Mr. Holmes states, that "this place is as usual overcrowded with Irish families and other strangers. Small-pox is very prevalent among the children."

Bethnal-green, Hackney-road subdistrict, at 3 and 20 Collingwood-street, two children died, one of hooping-cough, the other of diarrhœa. "The street is crowded and partially drained." Vincent-street, where a child died of bronchitis without medical attendance, is stated by Mr. Murray to be "close, crowded, and undrained."

In St. James, Bermondsey, at Edward-street, on 11th February, the son of a labourer, aged 16 months, died of "small-pox, natural, no medical attendant." "Small-pox (says Mr. Martin) is very prevalent in Jacob's Island; the mother of the above child acknowledged that it had not been vaccinated owing to negligence. Some persons object to the introduction of what they conceive to be *the disease of an animal* into their children."

BIRTHS Registered LAST WEEK, and in the SEVENTH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1256	1375	1364	1272	1497	1476	1373	1576
Males. . .	653	709	702	680	779	724	708	821
Females . .	603	666	662	592	718	752	665	755

DEATHS Registered LAST WEEK, and in the SEVENTH Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		1056	907	921	1146	1112	911	1147	1134	1225	938	1049·7	1036
Males . .		507	453	422	563	554	449	592	590	640	483	525·3	515
Females .		549	454	499	583	558	462	555	544	585	455	524·4	521
Deaths at three periods of life . .	Ages.												
	0—15	415	404	317	474	449	409	431	509	579	419	446·0	467
	15—60	372	277	333	377	406	308	391	379	398	297	353·8	359
	60 & up.	267	224	216	295	257	194	325	216	246	222	246·2	210

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Nov. 23.	Nov. 30.	Dec. 7.	Dec. 14.	Dec. 21.	Dec. 28.	Jan. 4.	Jan. 11.	Jan. 18.	Jan. 25.	Feb. 1.	Feb. 8.	Feb. 15.
BIRTHS	1381	1482	1558	1434	1477	1370	1592	1580	1599	1523	1537	1604	1576
DEATHS	1016	861	1004	1090	1166	1196	1369	1023	1037	956	1041	1109	1036
DEATHS (except from Violence) . . .	982	840	989	1068	1114	1144	1257	1009	1020	932	1029	1074	1006
Deaths (except from Violence) at 60 years and upwards . .	202	159	218	274	249	219	308	229	214	187	230	240	204
Scarlatina	41	32	35	29	30	22	14	16	19	17	16	15	20
Typhus	47	47	43	37	43	32	48	35	35	41	48	34	43
Diarrhœa & Dysentery	20	14	25	13	18	32	20	16	16	21	23	18	19
Cholera	1	..	..	2	1	..	1	..	1	..	..	..	..
Mean Temperature .	46°·9	40°·5	42°·6	40°·1	38°·6	38°·3	47°·1	42°·2	45°·0	40°·1	41°·1	40°·5	39°·6

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child-birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," or "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite the above heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.										1851			
	45°·0	40°·6	30°·6	34°·2	29°·0	36°·5	26°·0	41°·7	40°·7	42°·8	Mean 36°·7	39°·6—Feb. 15.			
	Feb. 20 1841	Feb. 19 1842	Feb. 18 1843	Feb. 17 1844	Feb. 15 1845	Feb. 14 1846	Feb. 13 1847	Feb. 19 1848	Feb. 17 1849	Feb. 16 1850	Sum of 10 Weeks	0	15	60	All Ages.
ALL CAUSES	1056	907	921	1146	1112	911	1147	1134	1225	938	10497	467	359	210	1036
SPECIFIED CAUSES	1046	900	913	1141	1110	908	1144	1102	1221	935	10420	465	358	208	1031
1. Zymotic Diseases	160	145	150	208	178	176	135	302	333	144	1931	159	43	10	212
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	76	52	61	60	70	33	36	47	56	41	532	6	29	18	53
3. Tubercular Diseases	181	463	184	216	202	183	178	165	170	166	1808	54	107	6	167
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	135	94	127	117	138	115	145	120	131	119	1241	52	25	29	106
5. Diseases of the Heart and Blood-vessels	23	32	22	32	44	38	65	28	50	37	371	4	25	18	47
6. Diseases of the Lungs, and of the other Organs of Respiration	199	178	145	267	208	136	330	213	236	199	2111	85	70	65	220
7. Diseases of the Stomach, Liver, and other Organs of Digestion	70	58	41	59	73	63	55	58	69	62	608	33	18	5	56
8. Diseases of the Kidneys, &c.	2	6	4	..	9	6	11	15	14	12	79	1	13	5	19
9. Childbirth, Diseases of the Uterus, &c.	15	8	13	12	15	7	22	11	11	10	124	..	7	2	9
10. Rheumatism, Diseases of the Bones, Joints, &c.	9	4	5	5	14	13	8	7	14	8	87	3	1	1	5
11. Diseases of the Skin, Cellular Tissue, &c.	..	..	1	1	2	1	1	3	..	1	10	..	..	..	..
12. Malformations	2	..	1	5	..	1	1	6	5	3	24	2	..	..	2
13. Premature Birth & Debility	26	23	16	16	29	18	25	23	28	27	231	26	1	..	27
14. Atrophy	7	8	6	16	10	19	18	24	18	27	153	23	..	3	26
15. Age	92	88	96	88	86	45	75	42	50	42	704	..	..	38	38
16. Sudden	17	19	19	11	16	11	17	6	10	15	141	5	3	1	9
17. Violence, Privation, Cold, and Intemperance	32	22	22	28	16	43	22	32	26	22	265	12	16	7	35
1.—Small-pox	45	5	16	29	33	6	3	34	17	6	194	18	8	..	26
Measles	6	31	24	28	19	26	5	39	15	21	214	29	..	..	29
Scarlatina	13	4	24	43	38	24	14	42	64	13	279	19	1	..	20
Hooping Cough	49	55	27	37	29	57	41	23	75	31	424	43	..	..	43
Croup	4	10	11	6	7	4	4	3	5	5	59	10	..	..	10
Thrush	3	2	4	1	8	3	5	..	3	1	30	1	..	..	1
Diarrhœa	2	4	5	8	9	14	14	17	27	18	118	15	1	1	17
Dysentery	1	..	3	2	..	2	2	4	..	..	14	..	1	1	2
Cholera	..	..	..	..	..	1	..	..	49	..	50	..	..	..	..
Influenza	4	4	4	9	3	1	4	27	7	1	64	2	..	1	3
Purpura and Scurvy	..	1	1	1	..	1	1	1	1	1	8	..	..	1	1
Ague	1	..	..	..	..	2	..	..	..	..	3	..	..	..	..
Remittent Fever	..	..	..	1	..	1	2	1	1	2	8	2	..	..	2
Infantile Fever	*	*	*	*	*	*	*	2	1	2	5	1	..	..	1
Typhus	21	22	24	40	25	24	26	83	49	29	343	13	25	5	43
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	5	7	3	15	..	2	..	2
Rheumatic Fever	*	*	*	*	*	*	*	..	3	1	4	1	1	..	2
Erysipelas	10	6	6	2	7	6	12	15	6	9	79	2	2	1	5
Syphilis	1	1	1	1	..	2	2	4	3	1	16	3	2	..	5
Noma (or Canker)	*	*	*	*	..	2	..	2	..	..	4	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	4	3	5	2	2	2	2	2	9	3	34	..	2	2	4
Dropsy	49	33	42	36	44	13	17	17	18	17	286	2	11	7	20
Abscess	5	2	1	1	1	5	2	1	2	1	21	2	..	..	2
Ulcer	..	1	1	1	1	..	2	1	2	1	10	..	..	2	2
Fistula	..	..	1	..	..	1	..	..	..	..	2	..	1	..	1
Mortification	3	7	3	6	5	2	4	7	5	4	46	1	2	2	5
Cancer	11	5	7	13	17	10	7	19	19	14	122	1	13	5	19
Gout	4	1	1	1	..	..	2	..	1	1	11	..	..	..	..
3.—Scrofula	..	3	1	2	3	7	3	6	5	2	32	5	2	..	7
Tabes Mesenterica	7	8	9	7	9	8	16	17	16	15	112	12	..	..	12
Phthisis (or Consumption)	147	115	147	170	153	138	133	119	124	113	1359	13	105	6	124
Hydrocephalus	27	37	27	37	37	30	26	23	25	36	305	24	..	..	24

* See Note, p. 51.

in the SEVENTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851			
	45°·0	40°·6	30°·6	34°·2	29°·0	36°·5	26°·0	41°·7	40°·7	42°·8	Mean 36°·7°	39°·6—Feb. 15.			
	Feb. 20	Feb. 19	Feb. 18	Feb. 17	Feb. 15	Feb. 14	Feb. 13	Feb. 19	Feb. 17	Feb. 16	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
4.—Cephalitis	19	15	10	14	9	17	13	13	5	19	134	7	2	1	10
Apoplexy	14	14	24	20	22	30	35	23	37	19	238	1	6	16	23
Paralysis	24	13	18	23	28	23	20	30	24	25	228	..	7	8	15
Delirium Tremens	..	..	..	2	2	1	8	3	4	2	22	..	2	..	2
Chorea	1	..	..	..	..	..	..	..	1	1	3	1	..	..	1
Epilepsy	6	1	6	3	5	6	14	4	4	4	53	1	5	..	6
Tetanus	1	..	1	..	..	..	..	..	1	..	3	1	..	..	1
Insanity	2	2	1	1	1	..	..	..	..	..	7	..	1	2	3
Convulsions	58	41	54	47	61	31	38	33	39	39	441	38	..	..	38
Disease of Brain, &c.	10	8	13	7	10	7	17	14	16	10	112	3	2	2	7
5.—Pericarditis	1	2	1	1	3	2	1	3	9	5	28	1	..	..	1
Aneurism	1	..	..	..	2	..	1	1	1	2	8	..	..	..	..
Disease of Heart, &c.	21	30	21	31	39	36	63	24	40	30	335	3	25	18	46
6.—Laryngitis	1	..	..	..	2	2	4	8	5	4	26	2	..	..	2
Bronchitis	23	25	16	47	51	55	127	80	103	88	615	30	34	39	103
Pleurisy	2	..	3	6	2	1	9	7	4	3	37	1	6	1	8
Pneumonia	85	94	61	133	92	56	116	97	93	76	903	50	15	8	73
Asthma	57	44	36	57	43	16	50	15	21	22	361	..	10	16	26
Disease of Lungs, &c.	31	15	29	24	18	6	24	6	10	6	169	2	5	1	8
7.—Teething	17	17	9	11	23	3	6	9	13	10	118	23	..	..	23
Quinsey	..	2	2	3	1	..	1	3	3	2	17	1	..	..	1
Gastritis	20	16	10	4	..	2	2	3	2	2	132	..	1	..	1
Enteritis				17	15	13	8	6	6	6		3	2	..	5
Peritonitis	1	..	1	1	7	6	3	8	7	7	41	1	2	..	3
Ascites	..	..	..	1	4	2	2	4	2	3	18	..	3	..	3
Ulceration (of Intestines)	..	..	2	..	2	4	1	5	2	3	19	..	3	..	3
Hernia	..	3	2	4	1	3	8	1	4	3	29	..	1	..	1
Ileus	8	2	2	1	1	1	1	1	..	1	18	1	..	..	1
Intussusception	..	1	..	..	..	1	..	..	1	..	3	..	..	..	..
Stricture of Intestinal Canal	2	..	1	..	1	..	1	1	2	1	9	..	..	..	..
Disease of Stomach, &c.	4	6	2	7	6	7	6	5	2	4	49	4	1	1	6
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	2	..	..	..	3	3	6	6	6	4	30	..	2	2	4
Jaundice	5	2	1	..	2	5	1	2	3	1	22	..	..	..	..
Disease of Liver	11	9	9	10	7	12	9	4	16	14	101	..	3	2	5
Disease of Spleen	..	..	..	..	..	1	..	..	..	1	2	..	..	..	..
8.—Nephritis	..	..	..	..	..	..	1	1	1	..	3	1	3	..	4
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	5	2	4	11	..	4	1	5
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Diabetes	..	1	..	..	..	..	3	..	..	2	6	..	1	..	1
Stone	..	..	..	..	1	..	..	..	..	1	2	..	..	..	..
Cystitis	..	1	..	..	1	..	..	1	2	1	6	..	1	1	2
Stricture of Urethra	..	1	1	..	..	1	..	4	1	1	9	..	..	..	..
Disease of Kidneys, &c.	2	3	3	..	7	5	7	4	8	3	42	..	3	3	6
9.—Paramenia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ovarian Dropsy	1	..	..	..	..	..	1	3	..	..	5	..	1	..	1
Childbirth (*see* Metria)	11	6	12	6	13	6	15	4	7	8	88	..	5	..	5
Disease of Uterus, &c.	3	2	1	6	2	1	6	4	4	2	31	..	1	2	3
10.—Arthritis	..	..	..	1	1	1	..	..	..	..	3	..	..	..	..
Rheumatism	3	2	1	3	3	6	4	5	8	4	39	1	..	1	2
Disease of Joints, &c.	6	2	4	1	10	6	4	2	6	4	45	2	1	..	3
11.—Carbuncle	..	..	..	1	..	..	..	2	..	..	3	..	..	..	..
Phlegmon	..	..	1	..	..	1	1	..	..	..	3	..	..	..	..
Disease of Skin, &c.	..	..	..	..	2	..	..	1	..	1	4	..	..	..	..
17.—Intemperance	..	..	1	1	..	1	4	1	..	1	9	..	1	..	1
Privation of Food	1	1	..	..	2	..	2	1	..	..	7	1	..	1	2
Want of Breast-milk	*	*	*	*	*	*	*	3	..	2	5	2	..	..	2
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	1	..	..	1	..	..	..	..
Poison	*	*	*	*	*	*	*	..	2	..	2	..	1	..	1
Burns and Scalds	*	*	*	*	*	*	*	10	4	5	19	5	1	1	7
Hanging and Suffocation	*	*	*	*	*	*	*	2	3	..	5	..	..	..	..
Drowning	*	*	*	*	*	*	*	2	5	..	7	2	9	1	12
Fractures	*	*	*	*	*	*	*	5	10	11	26	2	4	4	10
Wounds	*	*	*	*	*	*	*	4	1	2	7	..	..	..	..
Other Violence	*	*	*	*	*	*	*	3	1	1	5	..	..	..	..
All Violence	31	21	21	27	14	42	16	26	26	19	243	9	15	6	30
Causes not specified	10	7	8	5	2	3	3	32	4	3	77	2	1	2	5

* See page 51.

Deaths Registered in the Seventh Week of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			45°·0	40°·6	30°·6	34°·2	29°·0	36°·5	26°·0	41°·7	40°·7	42°·8	Mean 36°·7	39°·6
			Feb 20	Feb. 19	Feb. 18	Feb. 17	Feb. 15	Feb. 14	Feb. 13	Feb. 19	Feb. 17	Feb. 16	Sum of 10 Weeks.	Feb. 15
	1831	1841	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1654994	1948369	1056	907	921	1146	1112	911	1147	1134	1225	938	10497	1036
1–6. West Districts .	252761	301189	164	143	132	164	160	118	150	167	163	133	1494	165
7–11. North Districts .	306185	376568	177	175	173	206	225	167	203	200	222	183	1931	210
12–19. Central Districts	355502	374199	234	168	179	209	228	169	204	229	193	153	1966	175
20–25. East Districts .	330736	393067	243	192	215	270	219	179	238	246	299	205	2306	209
26–36. South Districts .	409810	503346	238	229	222	297	280	278	352	292	348	264	2800	277
1. Kensington . . HL	52981	74881	25	31	26	34	30	34	31	51	38	32	332	45
2. Chelsea . . . *W* H	32371	40243	31	20	20	28	30	16	26	37	27	24	259	26
3. St.GeorgeHanover-sq.H	58209	66657	33	25	28	32	26	26	33	26	41	30	300	34
4. Westminster HHPP	48177	56802	29	34	26	35	42	25	31	32	35	31	320	36
5. St.Martin-in-the-Flds. H	23970	25132	19	18	17	16	19	6	16	9	14	8	142	12
6. St. James Westminster	37053	37457	27	15	15	19	13	11	13	12	8	8	141	12
7. Marylebone . . . H	122206	138383	67	81	80	78	84	65	70	50	75	76	726	75
8. Hampstead	8588	140078	*	*	*	*	*	*	..	5	3	3	11	3
9. Pancras . . *W* HH	103548		60	63	54	75	97	68	77	97	94	63	748	79
10. Islington . . . HP	37316	55779	31	18	24	36	25	24	23	31	33	26	271	31
11. Hackney . . . . H	34527	42328	19	13	15	17	19	10	33	17	17	15	175	22
12. St. Giles	52907	54378	27	25	31	27	26	25	30	24	29	30	274	29
13. Strand (wkh. in 9) . H	42015	43667	25	20	15	23	16	21	30	21	20	17	208	22
14. Holborn	42696	44532	27	18	21	19	28	24	34	32	23	17	243	26
15. Clerkenwell . . PP	47634	56799	28	34	30	35	28	25	36	33	26	13	288	19
16. St. Luke (wkh. in 20) L	46642	49908	24	14	24	32	21	21	14	24	28	21	223	15
17. East London . . . P.	38311	39718	30	17	19	24	30	16	22	26	21	8	213	24
18. West London *W* HPPP	28217	29188	38	24	16	22	46	17	17	48	21	26	275	17
19. City of Lon. (wkh. in 25)	57080	56007	35	16	23	27	33	20	21	21	25	21	242	23
20. Shoreditch . . *W* L	68564	83562	55	47	63	38	45	34	61	52	61	44	500	50
21. Bethnal Green . . L	62018	74209	52	31	28	56	26	25	30	26	52	43	369	27
22. Whitechapel . . . H	64141	71878	49	42	44	58	60	64	50	57	44	38	506	38
23. St. George-in-the-East .	38505	41418	27	13	21	27	26	13	30	34	31	20	242	29
24. Stepney . . . . H	72442	90838	48	44	39	74	53	30	55	50	86	37	516	51
25. Poplar . . . *W* L	25066	31179	12	15	20	17	9	13	12	27	25	23	173	14
26. St. Saviour . . H H	31711	33027	15	20	18	24	13	22	17	15	28	18	190	25
27. St. Olave . . . H H	20021	19869	24	17	25	23	19	17	28	14	37	18	222	25
28. Bermondsey	29741	35002	15	15	17	20	18	24	26	22	29	19	205	22
29. St. Geo. Southwk. LPP	39769	46718	24	27	29	30	32	41	28	28	29	24	292	22
30. Newington . . . P	44526	54693	18	27	28	41	29	37	41	28	38	35	322	21
31. Lambeth	87856	116072	68	53	53	61	78	61	61	87	51	51	624	62
32. Wandsworth . . . L	33090	39918	*	*	*	19	14	19	20	19	25	16	132	19
33. Camberwell . . LL	28231	39931	13	20	14	20	23	24	29	20	20	15	198	14
34. Rotherhithe	12875	13940	10	8	7	12	10	1	13	4	11	6	82	11
35. Greenwich . HHHP	63564	81125	51	42	31	47	44	32	72	46	67	48	480	47
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	17	9	13	14	53	9

Note.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10497; which divided by 10 gives nearly 1050 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1851, by adding to it an eleventh part; thus, 1050 divided by 11 is nearly 95, which added to 1050, makes the corrected average 1145. The corrected average for small-pox, (see page 52,) or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 194 in 10 weeks; the average was 19; the corrected average 21. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5{\cdot}5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	.	1	1
1 Kensington [Town]	1	2	3
1 Hammersmith [St. Paul]	2	.	2
1 Fulham [Fulham]	.	1	1
2 Chelsea [North West]	.	1	1
2 *St. George Hanover Square [Chelsea N.W.]*	.	.	.
3 St. George Hanover Square [May Fair]	.	1	1
4 Westminster [St. Margaret]	.	.	.
5 St. Martin-in-the-Fields [Charing Cross]	1	2	3
6 St. James Westminster [Golden Square]	1	1	2
7 Marylebone [Rectory]	5	6	11
9 *Strand [Tottenham Court]*	1	3	4
9 Pancras [Camden Town]	5	8	13
10 Islington [West]	1	.	1
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	3	4	7
14 Holborn [St. Andrew East]	1	1	2
15 Clerkenwell [St. James]	.	1	1
17 East London [St. Botolph]	.	2	2
18 *East London [West London North]*	.	.	.
18 West London [North]	.	.	.
20 Shoreditch [Haggerstone West]	6	1	7
20 *St. Luke [Hoxton New Town]*	.	.	.
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	1	.	1
22 Whitechapel [North]	2	2	4
23 St. George-in-the-East [St. John]	.	1	1
24 Stepney [Shadwell]	1	.	1
24 Stepney [Ratcliff]	2	1	3
24 Stepney [Mile End Old Town Lower]	3	.	3
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	.	.	.
25 Poplar [Poplar]	.	2	2
26 St. Saviour [Christchurch]	4	1	5
27 St. Olave [St. John Horselydown]	.	.	.
28 Bermondsey [St. Mary Magdalen]	1	1	2
29 St. George Southwark [Borough Road]	1	2	3
30 Newington [St. Peter Walworth]	2	2	4
31 Lambeth [Lambeth Church 2nd]	.	3	3
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	1	.	1
32 Wandsworth [Battersea]	.	2	2
33 Camberwell [Camberwell]	1	.	1
34 Rotherhithe	.	.	.
35 Greenwich [East]	.	.	.
36 Lewisham [Village]	1	.	1
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	47	52	99
HOSPITALS.			
Military and Naval Asylums :—			
35 Royal Hospital Greenwich [East] Pensioners	3	.	3
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	1	.	1
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	4	.	4
General Hospitals :—			
3 St. George [Belgrave]	5	4	9
4 Westminster [St. Margaret]	.	1	1
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	6	3	9
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's inn-lane]	.	.	.
13 King's College [St. Clement Danes]	2	3	5
18 St. Bartholomew [West London North]	8	2	10
22 London [Whitechapel Church]	2	.	2
27 Guy's [St. Olave and St. Saviour]	4	6	10
27 St. Thomas [St. Olave & St. Saviour]	1	3	4
Total	28	22	50
Hospitals for Special Diseases :—			
10 Small Pox [Islington West]	3	1	4
10 Fever [Islington West]	1	1	2
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	.	1
Total	5	2	7

	M.	F.	T.
HOSPITALS—*continued.*			
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	1	.	1
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children.	.	.	.
Total	1	.	1
Lunatic Asylums, &c. :—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	2	3
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	.	.
Total	1	2	3
Military and Naval Hospitals :—			
4 Grenadier Guards Hospital [St. John, Westm.]	3	.	3
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	4	.	4
Total	7	.	7
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	.	.
Total	.	.	.
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	47	52	99
Military and Naval Asylums	4	.	4
General Hospitals	28	22	50
Hospitals for Special Diseases	5	2	7
Lying-in Hospitals	1	.	1
Lunatic Asylums	1	2	3
Military and Naval Hospitals	7	.	7
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	.	.
Total in Public Institutions	93	78	171

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 15th February, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
February.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday .	9	First Quarter.	30·270	47·5	34·8	40·5	34·7	50·0	37·0	42·1	37·7	5·8	12·0	1·9	+ 1·6	N.N.W.	N.	0·0	0·0	0·0	35	0·00
Monday .	10	..	30·287	42·8	37·6	39·2	36·6	45·0	26·0	42·4	38·5	2·6	4·8	3·0	— 0·7	N.	Calm.	0·0	0·0	0·0	10	0·00
Tuesday .	11	..	30·159	46·2	30·8	38·5	34·4	48·8	28·0	41·8	38·3	4·1	8·3	2·7	— 0·4	S.	S.W.	0·0	0·0	0·0	25	0·00
Wednesday	12	..	30·010	46·7	33·6	40·5	36·2	49·0	33·0	41·4	37·7	4·3	9·6	2·3	+ 1·5	Calm.	W.	0·0	0·0	0·0	75	0·00
Thursday .	13	Greatest Dec. N.	29·887	43·3	39·6	41·5	40·8	44·0	34·0	41·6	38·1	0·7	1·4	0·0	+ 2·5	W.	Calm.	0·0	0·0	0·0	5	0·05
Friday .	14	..	30·112	45·7	36·7	40·5	39·5	46·0	25·0	41·4	38·0	1·0	4·8	0·0	+ 1·5	E.S.E.	Calm.	0·0	0·0	0·0	25	0·01
Saturday	15	..	30·186	48·5	27·6	36·7	29·4	56·5	19·0	41·1	37·7	7·3	12·6	0·0	— 2·4	Calm.	Calm.	0·0	0·0	0·0	5	0·00
Means . .		..	30·130	45·8	34·4	39·6	35·9	48·5	28·9	41·7	38·0	3·7	7·6	1·4	+ 0·5	Variable.		..	..	..	Sum 180	Sum 0·06
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

Sunday . .	During the mornings of Thursday and Saturday active electricity was exhibited; it was negative on the former, and positive on the latter day. None was shown at any other time during the week.
Monday . .	
Tuesday .	
Wednesday	
Thursday .	
Friday . .	
Saturday .	

GENERAL REMARKS.

Three-fourths of the sky were covered during the morning, and the whole was generally covered during the remainder of the day; stratus and fleecy clouds; haze.

The sky was overcast throughout the day; cirrostratus.

The sky, with very slight exceptions, was covered with cloud throughout the day; cirrostratus, fleecy clouds, and scud.

Three-fourths of the sky were covered during the morning and afternoon; at night the amount of cloud was variable; cumulostrati and cirrostrati.

The sky was overcast throughout the day; cirrostratus. A great gloom prevailed during the afternoon. Rain fell during the morning.

The sky was overcast throughout the day; cirrostratus. Thick fog was prevalent during the morning.

The sky was generally clear throughout the day.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 39·2°; and the mean reading at 9h. P.M. was 40·0°; the mean readings at the Royal Observatory for the same times were 36·7° and 38·6° respectively.

The reading of the barometer increased from 30·02 in. at the beginning of the week to 30·31 in. on the 10th by 9h. A.M.; and after noon on this day it began to decrease, and was 29·81 in. on the 13th at 3h. P.M.; it increased to 30·20 in. by noon on the 15th, and decreased to 30·19 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday February 22. [No. 8.

HEALTH OF LONDON DURING THE WEEK.

The mortality of the metropolitan districts, which in the preceding week had declined to 1036, has risen to a much larger amount than is usual at this period; the deaths registered in the week ending last Saturday having been 1213. Taking the ten corresponding weeks in the years 1841–50, the only example of a greater mortality occurred in 1847, when the deaths for the week were 1253; whilst the average of the ten weeks was 1067. Correcting this average according to the supposed rate of increase in the population, it becomes 1164, compared with which the present return shows an excess of 49.

This increase, both on the previous week and on the average, runs through different periods of life, but is most considerable amongst persons of advanced age. Complaints of the respiratory organs have been more than usually active; and in this class bronchitis, which carries off the aged, numbers 119 persons, of whom 25 were children, 40 were persons between 15 and 60, and 54 had turned 60 years of age. Besides these, laryngitis and laryngismus stridulus were fatal to 7 children and an adult; pleurisy to 8 persons; pneumonia (or inflammation of the lungs) to 98, of whom 77 were children; asthma to 32; and other diseases of the lungs, exclusive of phthisis, to 12. The tubercular class of diseases, which comprises scrofula, tabes mesenterica, phthisis (or consumption), and hydrocephalus, also exhibits a slight increase on the previous week; the deaths in this return attributed to these diseases being in the aggregate 190, of which 137 were caused by consumption alone. By far the largest proportion of the victims of this destructive malady were of middle age, 116 out of the 137 having died between 15 years and 60. Amongst those diseases of a tubercular character, which are mostly confined to children, tabes mesenterica was fatal in 13 cases, and hydrocephalus (or water in the head) to 32. The average number of deaths, simply described as arising from "fits" or "convulsions," is 50; and this week's table shows nearly the same amount.

At this period of the year, the zymotic or epidemic class of diseases on an average causes about 200, or nearly a-fifth part of the total number of deaths; and in the present return it contributes 208, which is near the usual number, though the proportion it bears to the total mortality is considerably less.

It is satisfactory to observe that small-pox now shows a tendency to become less fatal. Twenty-six persons died from it in the previous week; but that number has now fallen to 18. Vaccination appears to have been performed in only two of these cases. Two children, aged

respectively 6 months and 11 months, died on the 17th February in the Small-pox Hospital of confluent small-pox, both after 7 days' illness, and "unprotected."

Hooping-cough has increased, and now predominates among epidemics; 65 children having died from it in the week, which is considerably more than the average. Twenty-nine died of measles, only 9 of scarlatina, and 8 of croup. Typhus was fatal in 35 cases, of which 20 occurred in the middle period of life.

During the week 130 deaths were registered which had occurred in workhouses, 13 in military and naval asylums, 40 in general hospitals, 3 in military and naval hospitals, and 9 in lunatic asylums.

The births of 792 boys and 775 girls, in all 1567 children, were registered in the week. The average in six corresponding weeks of 1845–50 was 1426.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer was above 30 in. on Sunday and Monday; the mean of the week was 29·870 in. The mean daily temperature was below the average of corresponding days in 10 years, on Sunday and Monday; on Tuesday it rose nearly 10 degrees above it, continued at the same height on Wednesday, and then fell gradually to the average on Saturday. It was 48°·9 on Tuesday and Wednesday, and 39°·8 on Saturday; and the mean of the week was 42°·5. The wind was generally in the South-west, except on Friday, when it blew from the North-east.

The following selections are made from the Registrars' Reports:—

In Pancras, Camden Town sub-district, at 10 Cambridge-crescent, Agar Town, on 16th February, a costermonger, aged 40 years, died of "rheumatic fever (7 days) meningitis (2 days)." This is described by Mr. Holl as "a very damp, poor, and crowded locality."

In Islington, East sub-district, at 5 Swan-yard, on 19th February, the son of a cane-chair bottomer, aged 3 months, "diarrhœa (6 days)." This (says Mr. Butterfield) is a low lodging-house, in a dirty court out of High-street, having three rooms inhabited by 18 persons.

In St. Giles-in-the-Fields, South sub-district, at 13 Great Earl-street, Seven Dials, the son of a turner, aged 11 months, died of "hooping-cough, general decline." "The parents (says Mr. Faulkner) complain most bitterly of the intolerable nuisance arising from the dust-hole, which is immediately beneath their bed (being merely separated by the flooring), and also from the privy, which is close to their room. The whole family are very sickly, and the father, who has had severe sickness, is still very ill."

In East London, sub-district of St. Botolph, at 16 Seven-step-alley, on 19th February, the son of a labonrer, aged 6 months, died of "marasmus, arising from impure air of locality." Mr. Spencer states, that "this is a close and confined place, and has been frequently reported as unhealthy, which is owing, in a great measure, to the over-crowded state of the rooms. The family of which the deceased was a member, consisting of a man and his wife and two children, and another family, consisting of a man, his wife (sister of the labourer above mentioned), and one child, occupy together one small room."

In Bethnal-green, Hackney-road sub-district, at 10 Virginia-row, on 17th February, the wife of a cordwainer, aged 45 years, died of consumption. Mr. Murray mentions that the above is "a close and crowded street, dependent on surface-drainage, though a good sewer runs through it."

In Poplar district, at Bromley Marsh, on 20th February, the son of a shipwright aged 4 years, died of "typhus (2 weeks)." Mr. Dunstan adds that "this death occurred in a wooden cottage, erected in the marsh near an open ditch, and having the bedroom on the ground-floor."

BIRTHS Registered LAST WEEK, and in the EIGHTH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1339	1441	1389	1364	1490	1536	1426	1567
Males. . .	706	738	703	688	735	781	725	792
Females . .	633	703	686	676	755	755	701	775

DEATHS Registered LAST WEEK, and in the EIGHTH Week of Ten previous Years.

	Ages.	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		1040	942	1003	1115	1121	951	1253	1145	1191	911	1067·2	1213
Males . .		533	457	515	551	544	501	655	602	605	467	543·0	607
Females .		507	485	488	564	577	450	598	543	586	444	524·2	606
Deaths at three periods of life . .	0—15	455	439	433	423	428	447	474	542	540	394	457·5	501
	15—60	349	299	334	402	388	308	434	391	378	308	359·1	413
	60 & up.	235	203	236	288	303	195	345	212	257	209	248·3	299

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Nov. 30.	Dec. 7.	Dec. 14.	Dec. 21.	Dec. 28.	Jan. 4.	Jan. 11.	Jan. 18.	Jan. 25.	Feb. 1.	Feb. 8.	Feb. 15.	Feb. 22.
BIRTHS	1482	1558	1434	1477	1370	1592	1580	1599	1523	1537	1604	1576	1567
DEATHS	861	1004	1090	1166	1196	1369	1023	1037	956	1041	1109	1036	1213
DEATHS (except from Violence) . . .	840	989	1068	1114	1144	1257	1009	1020	932	1029	1074	1006	1187
Deaths (except from Violence) at 60 years and upwards . .	159	218	274	249	219	308	229	214	187	230	240	204	296
Scarlatina	32	35	29	30	22	14	16	19	17	16	15	20	9
Typhus	47	43	37	43	32	48	35	35	41	48	34	43	35
Diarrhœa & Dysentery	14	25	13	18	32	20	16	16	21	29	18	19	18
Cholera	..	..	2	1	..	1	..	1	..	..	..	..	..
Mean Temperature .	40°·5	42°·6	40°·1	38°·6	38°·3	47°·1	42°·2	45°·0	40°·1	41°·1	40°·5	39°·6	42°·5

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child-birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk, neglect* and *cold*, under "atrophy," or "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite the above heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851			
	38°·9	39°·7	39°·1	36°·3	31°·7	43°·1	43°·8	45°·0	45°·4	47°·2	Mean 41°·0	42°·5—Feb. 22.			
	Feb. 27	Feb. 26	Feb. 25	Feb. 24	Feb. 22	Feb. 21	Feb. 20	Feb. 26	Feb. 24	Feb. 23	Sum of 10 Weeks	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
ALL CAUSES	1040	942	1003	1115	1121	951	1253	1145	1191	911	10672	501	413	299	1213
SPECIFIED CAUSES	1029	930	997	1113	1119	948	1252	1143	1176	908	10615	501	411	299	1211
1. Zymotic Diseases	190	138	161	186	176	149	157	308	318	169	1952	151	42	15	208
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	86	67	55	76	68	33	46	38	53	57	579	4	28	26	58
3. Tubercular Diseases	175	180	185	206	202	172	224	193	174	138	1849	58	123	9	190
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	136	105	138	138	129	140	143	129	132	111	1301	62	41	41	144
5. Diseases of the Heart and Blood-vessels	34	20	23	45	34	27	68	34	39	50	374	3	32	31	66
6. Diseases of the Lungs, and of the other Organs of Respiration	181	179	174	247	243	174	348	208	239	167	2160	115	79	83	277
7. Diseases of the Stomach, Liver, and other Organs of Digestion	54	69	56	42	68	76	62	50	53	49	579	22	23	10	55
8. Diseases of the Kidneys, &c.	6	4	7	6	9	13	14	17	10	14	100	..	7	7	14
9. Childbirth, Diseases of the Uterus, &c.	11	12	17	7	18	12	10	10	7	8	112	..	8	1	9
10. Rheumatism, Diseases of the Bones, Joints, &c.	8	9	3	9	7	12	14	4	10	6	82	2	8	3	13
11. Diseases of the Skin, Cellular Tissue, &c.	1	1	..	..	..	4	2	1	..	1	10	2	..	1	3
12. Malformations	..	..	3	2	3	3	7	6	3	3	30	2	1	..	3
13. Premature Birth & Debility	27	36	24	14	16	20	21	24	23	22	227	26	1	..	27
14. Atrophy	3	8	5	15	10	23	17	21	13	18	133	31	..	..	31
15. Age	78	64	107	89	109	44	78	40	46	45	700	..	..	61	61
16. Sudden	19	17	20	13	9	11	10	13	9	22	143	7	4	5	16
17. Violence, Privation, Cold, and Intemperance	20	21	19	18	18	35	31	47	47	28	284	16	14	6	36
1.—Small-pox	36	5	5	19	30	7	8	30	20	9	169	16	2	..	18
Measles	8	26	14	18	19	20	6	33	16	24	184	29	..	..	29
Scarlatina	11	11	22	43	30	20	21	43	50	11	262	6	3	..	9
Hooping Cough	67	46	52	33	33	59	41	30	76	36	473	65	..	..	65
Croup	4	14	11	14	8	5	4	8	7	6	81	8	..	..	8
Thrush	2	4	5	2	2	4	2	2	1	3	27	2	..	..	2
Diarrhœa	9	6	4	7	7	4	17	20	23	21	118	8	5	3	16
Dysentery	3	1	2	1	1	..	4	3	2	3	20	..	1	1	2
Cholera	..	..	2	..	..	2	..	2	40	..	46	..	..	..	..
Influenza	12	4	3	4	3	..	6	33	2	2	69	2	1	1	4
Purpura and Scurvy	..	..	..	..	..	..	..	3	..	..	3	1	1	..	2
Ague	1	..	..	..	1	..	..	..	1	..	3	..	..	..	..
Remittent Fever	..	..	..	..	1	2	3	1	1	..	8	3	..	..	3
Infantile Fever	*	*	*	*	*	*	*	..	..	1	1	1	..	..	1
Typhus	29	17	37	42	30	22	32	77	53	32	371	6	20	9	35
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	6	8	7	21	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	2	..	1	3	..	2	..	2
Erysipelas	8	3	3	3	8	2	9	12	14	11	73	1	3	1	5
Syphilis	..	1	1	..	3	2	3	3	3	1	17	3	1	..	4
Noma (or Canker)	*	*	*	*	..	..	1	..	1	1	3	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	1	1	..	2	2	3	2	2	3	9	25	1	2	..	3
Dropsy	54	47	37	47	42	15	19	13	24	12	310	2	9	13	24
Abscess	5	1	3	1	1	..	1	3	1	4	20	..	3	..	3
Ulcer	1	..	..	2	..	1	1	..	..	3	8	..	..	2	2
Fistula	..	1	..	..	..	1	..	..	..	..	2	..	..	..	..
Mortification	13	4	7	5	6	1	2	2	4	4	48	1	1	2	4
Cancer	9	12	7	17	17	12	19	17	21	23	154	..	13	9	22
Gout	3	1	1	2	..	..	2	1	..	2	12	..	..	..	..
3.—Scrofula	2	4	3	4	4	7	6	7	8	6	51	3	5	..	8
Tabes Mesenterica	6	3	6	2	7	10	14	22	15	13	98	12	1	..	13
Phthisis (or Consumption)	122	140	137	165	156	117	160	135	123	94	1349	12	116	9	137
Hydrocephalus	45	33	39	35	35	38	44	29	28	25	351	31	1	..	32

* See Note, p. 59.

n the Eighth Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851			
	38°·9	39°·7	39°·1	36°·3	31°·7	43°·1	43°·8	45°·0	45°·4	47°·2	Mean 41°·0	42°·5—Feb. 22.			
	Feb. 27	Feb. 26	Feb. 25	Feb. 24	Feb. 22	Feb. 21	Feb. 20	Feb. 26	Feb. 24	Feb. 23	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
4.—Cephalitis	19	13	8	5	15	15	14	11	15	10	125	6	1	..	7
Apoplexy	18	12	25	24	30	26	22	23	21	22	223	3	11	20	34
Paralysis	21	14	15	25	22	29	29	28	22	16	221	..	9	16	25
Delirium Tremens	2	2	3	3	..	1	1	1	6	3	22	..	5	..	5
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy	2	4	8	7	7	5	9	5	13	7	67	1	6	1	8
Tetanus	1	..	..	2	..	..	..	..	..	..	3	1	..	..	1
Insanity	1	1	1	2	1	1	1	1	2	3	14	..	2	..	2
Convulsions	58	54	69	59	44	50	51	44	38	41	508	47	..	..	47
Disease of Brain, &c.	14	5	9	11	10	13	16	16	15	9	118	4	7	4	15
5.—Pericarditis	1	1	..	3	1	1	2	1	2	4	16	..	4	1	5
Aneurism	2	2	..	1	1	1	1	2	..	5	15	..	1	..	1
Disease of Heart, &c.	31	17	23	41	32	25	65	31	37	41	343	3	27	30	60
6.—Laryngitis	1	..	2	..	1	3	4	1	8	2	22	7	1	..	8
Bronchitis	23	14	25	63	63	72	134	86	118	79	677	25	40	54	119
Pleurisy	1	1	2	..	1	4	6	7	5	3	30	2	6	..	8
Pneumonia	104	104	89	111	104	64	125	89	88	51	929	77	12	9	98
Asthma	37	42	37	52	55	23	61	11	8	21	347	..	16	16	32
Disease of Lungs, &c.	15	18	19	21	19	8	18	14	12	11	155	4	4	4	12
7.—Teething	18	25	18	7	15	12	8	10	10	12	135	14	..	..	14
Quinsey	1	1	2	1	2	..	..	4	..	..	11	..	1	..	1
Gastritis }	14	17	17	..	..	1	3	..	1	2	108	..	2	..	2
Enteritis }				9	11	9	6	9	7	2		4	2	..	6
Peritonitis	..	..	..	1	4	7	..	4	5	1	22	..	1	..	1
Ascites	1	1	2	3	2	5	4	2	..	1	21	..	1	..	1
Ulceration (of Intestines)	1	..	1	..	..	4	4	2	2	3	17	..	1	..	1
Hernia	2	2	2	4	4	4	3	5	5	3	34	..	2	..	2
Ileus	3	4	..	1	3	1	3	1	1	1	18	..	1	3	4
Intussusception	..	..	..	..	1	1	1	..	3	..	6	1	..	..	1
Stricture of Intestinal Canal	2	..	..	..	..	1	..	1	..	1	5	..	..	..	..
Disease of Stomach, &c.	5	2	4	7	8	6	10	4	5	7	58	..	..	2	2
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	2	..	..	1	2	3	6	1	3	3	21	1	5	2	8
Jaundice	..	3	2	2	3	1	1	1	3	5	21	1	..	2	3
Disease of Liver	5	14	8	6	13	21	13	5	8	8	101	1	7	1	9
Disease of Spleen	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
8.—Nephritis	2	..	1	..	1	..	..	..	..	..	4	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	4	3	2	9	..	1	..	1
Ischuria	..	..	..	..	..	..	..	1	..	..	1	..	1	..	1
Diabetes	1	..	1	1	1	..	..	2	..	1	7	..	..	..	..
Stone	..	..	..	..	..	..	2	..	1	1	4	..	1	..	1
Cystitis	..	..	..	..	..	2	..	1	..	..	3	..	1	..	1
Stricture of Urethra	..	..	1	1	1	1	2	2	1	..	9	..	..	..	..
Disease of Kidneys, &c.	3	4	4	4	6	10	10	7	5	10	63	..	3	7	10
9.—Paramenia	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
Ovarian Dropsy	..	1	2	..	..	..	..	3	1	1	8	..	..	..	..
Childbirth (*see* Metria)	9	7	11	6	15	10	6	7	5	4	80	..	6	..	6
Disease of Uterus, &c.	2	4	3	1	3	2	4	..	1	3	23	..	2	1	3
10.—Arthritis	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Rheumatism	1	3	1	5	3	7	7	2	4	3	36	..	4	..	4
Disease of Joints, &c.	7	6	2	4	4	5	7	2	6	2	45	2	4	3	9
11.—Carbuncle	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Phlegmon	..	..	..	..	..	3	..	1	..	..	4	..	..	..	..
Disease of Skin, &c.	1	1	..	..	..	1	2	..	..	1	6	2	..	1	3
17.—Intemperance	..	1	1	2	3	2	..	..	4	1	14	..	2	1	3
Privation of Food	2	2	..	1	..	..	3	1	1	..	10	..	1	2	3
Want of Breast-milk	*	*	*	*	*	*	*	4	3	1	8	4	..	..	4
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	1	..	4	5	1	2	..	3
Burns and Scalds	*	*	*	*	*	*	*	12	16	3	31	4	..	..	4
Hanging and Suffocation	*	*	*	*	*	*	*	7	3	2	12	2	1	..	3
Drowning	*	*	*	*	*	*	*	3	3	7	13	..	1	..	1
Fractures	*	*	*	*	*	*	*	16	11	7	34	5	6	3	14
Wounds	*	*	*	*	*	*	*	3	2	2	7	..	1	..	1
Other Violence	*	*	*	*	*	*	*	..	4	1	5	..	..	..	..
All Violence	18	18	18	15	15	33	28	42	39	26	252	12	11	3	26
Causes not specified	11	12	6	2	2	3	1	2	15	3	57	..	2	..	2

* See page 59.

DEATHS Registered in the EIGHTH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			38°·9	39°·7	39°·1	36°·3	31°·7	43°·1	43°·8	45°·0	45°·4	47°·2	Mean 41°·0	42°·5
			Feb. 27	Feb. 26	Feb. 25	Feb. 24	Feb. 22	Feb. 21	Feb. 20	Feb. 26	Feb. 24	Feb. 23	Sum of 10 Weeks.	Feb. 22
	1831	1841	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1654994	1948369	1040	942	1003	1115	1121	951	1253	1145	1191	911	10672	1213
1–6. WEST DISTRICTS .	252761	301189	143	147	145	161	163	130	166	169	159	143	1526	179
7–11. NORTH DISTRICTS .	306185	376568	183	199	181	189	221	162	221	227	206	193	1982	250
12–19. CENTRAL DISTRICTS	355502	374199	234	162	206	243	213	174	241	183	185	151	1992	216
20–25. EAST DISTRICTS .	330736	393067	235	217	219	250	248	202	303	245	311	182	2412	285
26–36. SOUTH DISTRICTS .	409810	503346	245	217	252	272	276	283	322	321	330	242	2760	283
1. Kensington . . HL	52981	74881	27	34	39	50	34	22	45	43	45	31	370	49
2. Chelsea . . . *W*H	32371	40243	19	27	21	27	41	22	23	24	25	33	262	38
3. St.GeorgeHanover-sq.H	58209	66657	26	30	27	22	32	24	32	33	33	23	282	39
4. Westminster HHPP	48177	56802	32	32	32	27	35	24	33	38	41	29	323	25
5. St.Martin-in-the-Flds. H	23970	25132	18	10	14	14	10	15	14	18	6	18	137	15
6. St. James Westminster	37053	37457	21	14	12	21	11	23	19	13	9	9	152	13
7. Marylebone . . . H	122206	138383	74	84	79	64	71	63	76	72	78	68	729	92
8. Hampstead	8588	140078	*	*	*	*	*	*	1	2	2	6	11	7
9. Pancras . . *W*HH	103548		71	77	65	67	92	45	84	99	66	71	737	94
10. Islington . . . HP	37316	55779	25	20	15	34	31	36	32	29	35	25	282	35
11. Hackney . . . . H	34527	42328	13	18	22	24	27	18	28	25	25	23	223	22
12. St. Giles	52907	54378	30	26	40	29	35	28	31	41	22	28	310	35
13. Strand (wkh. in 9) . H	42015	43667	22	14	23	20	19	13	23	17	17	21	189	22
14. Holborn	42696	44532	33	18	23	30	20	20	27	25	38	22	256	34
15. Clerkenwell . . PP	47634	56799	35	24	37	44	34	29	23	23	25	15	289	28
16. St. Luke (wkh. in 20) L	46642	49908	27	22	21	24	37	29	28	22	19	15	244	20
17. East London . . . P.	38311	39718	21	30	14	24	19	12	29	15	21	16	201	25
18. West London *W*HPPP	28217	29188	35	17	28	43	21	23	50	25	22	16	280	33
19. City of Lon. (wkh. in 25)	57080	56007	31	11	20	29	28	20	30	15	21	18	223	19
20. Shoreditch . . *W*L	68564	83562	52	51	45	68	52	42	67	54	87	33	551	65
21. Bethnal Green . . L	62018	74209	37	37	19	45	51	33	55	37	78	26	418	27
22. Whitechapel . . . H	64141	71878	66	47	43	36	53	37	52	55	63	35	487	66
23. St. George-in-the-East .	38505	41418	18	20	31	27	26	18	42	23	26	24	255	30
24. Stepney . . . . H	72442	90838	43	53	63	53	50	45	60	57	37	45	506	65
25. Poplar . . . *W*L	25066	31179	19	9	18	21	16	27	27	19	20	19	195	32
26. St. Saviour . . H H	31711	33027	14	23	26	24	19	19	23	17	20	18	203	30
27. St. Olave . . . H H	20021	19869	28	27	28	40	20	35	23	38	14	20	273	17
28. Bermondsey	29741	35002	20	10	15	27	27	23	15	21	31	18	207	18
29. St. Geo. Southwk. LPP	39769	46718	29	22	28	17	29	28	27	21	29	25	255	20
30. Newington . . . P	44526	54693	33	21	34	25	19	27	32	24	29	30	274	27
31. Lambeth	87856	116072	62	55	64	45	51	55	57	61	72	44	566	58
32. Wandsworth . . . L	33090	39918	*	*	*	21	21	13	21	28	26	22	152	19
33. Camberwell . . LL	28231	39931	23	15	24	20	22	23	25	36	25	14	227	35
34. Rotherhithe	12875	13940	5	7	9	7	11	6	8	13	9	10	85	7
35. Greenwich . HHHP	63564	81125	31	37	24	46	57	54	72	51	64	32	468	41
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	19	11	11	9	50	11

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10672; which divided by 10 gives nearly 1067 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1851, by adding to it an eleventh part; thus, 1067 divided by 11 is 97, which added to 1067, makes the corrected average 1164. The corrected average for small-pox, (see page 60,) or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 169 in 10 weeks; the average was 17; the corrected average 19. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11\cdot3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11\cdot3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	.	1	1
2 *St. George Hanover Square [Chelsea N.W.]*	.	1	1
3 St. George Hanover Square [May Fair]	1	2	3
4 Westminster [St. Margaret]	3	.	3
5 St. Martin-in-the-Fields [Charing Cross]	.	.	.
6 St. James Westminster [Golden Square]	2	.	2
7 Marylebone [Rectory]	7	9	16
9 *Strand [Tottenham Court]*	.	.	.
9 Pancras [Camden Town]	7	6	13
10 Islington [West]	5	.	5
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	3	5	8
14 Holborn [St. Andrew East]	.	2	2
15 Clerkenwell [St. James]	.	1	1
17 East London [St. Botolph]	1	1	2
18 *East London [West London North]*	.	.	.
18 West London [North]	.	.	.
20 Shoreditch [Haggerstone West]	2	5	7
20 *St. Luke [Hoxton New Town]*	1	4	5
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	9	11	20
23 St. George-in-the-East [St. John]	.	1	1
24 Stepney [Shadwell]	.	2	2
24 Stepney [Ratcliff]	.	1	1
24 Stepney [Mile End Old Town Lower]	5	.	5
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	1	1	2
25 Poplar [Poplar]	2	2	4
26 St. Saviour [Christchurch]	1	3	4
27 St. Olave [St. John Horselydown]	.	1	1
28 Bermondsey [St. Mary Magdalen]	2	1	3
29 St. George Southwark [Borough Road]	3	1	4
30 Newington [St. Peter Walworth]	.	3	3
31 Lambeth [Lambeth Church 2nd]	3	2	5
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	2	.	2
33 Camberwell [Camberwell]	1	1	2
34 Rotherhithe	.	.	.
35 Greenwich [East]	1	1	2
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	62	68	130
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	8	1	9
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	4	.	4
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	12	1	13
General Hospitals:—			
3 St. George [Belgrave]	3	3	6
4 Westminster [St. Margaret]	.	.	.
5 Charing Cross [Charing Cross]	1	1	2
7 Middlesex [All Souls]	2	1	3
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	2	2	4
18 St. Bartholomew [West London North]	11	2	13
22 London [Whitechapel Church]	2	2	4
27 Guy's [St. Olave and St. Saviour]	3	1	4
27 St. Thomas [St. Olave & St. Saviour]	2	2	4
Total	26	14	40
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	2	.	2
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	.	.
Total	2	.	2

	M.	F.	T.
HOSPITALS—*continued.*			
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	2	2	4
33 Peckham House [Camberwell]	1	.	1
33 Camberwell House [Camberwell]	1	3	4
Total	4	5	9
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	2	.	2
36 Dreadnought Ship (for Seamen, Greenwich West)	1	.	1
Total	3	.	3
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	62	68	130
Military and Naval Asylums	12	1	13
General Hospitals	26	14	40
Hospitals for Special Diseases	2	.	2
Lying-in Hospitals	.	.	.
Lunatic Asylums	4	5	9
Military and Naval Hospitals	3	.	3
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	.	.
Total in Public Institutions	109	88	197

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 22nd February, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
FEBRUARY.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	16	Full.	30·122	46·1	26·4	35·1	27·6	..	17·0	40·6	37·0	7·5	14·1	3·0	— 4·3	Calm.	Calm.	0·0	0·0	0·0	30	0·00
MONDAY .	17	..	30·006	45·1	23·7	35·9	31·0	54·0	28·0	40·6	36·7	4·9	10·6	0·0	— 3·3	S.E.	S.W.	0·0	0·0	0·0	160	0·00
TUESDAY .	18	..	29·907	57·1	38·1	48·9	43·7	61·0	44·0	41·6	38·0	5·2	8·6	4·0	+ 9·6	S.W.	S.W.	5·0	0·0	0·0	270	0·00
WEDNESDAY	19	In Equa.	29·765	53·9	47·1	48·9	44·1	56·0	40·0	43·1	39·3	4·8	6·1	1·6	+ 9·6	S.W.	S.W.	6·0	0·0	3·0		
THURSDAY .	20	..	29·635	52·1	41·9	46·2	41·4	53·0	33·0	44·4	40·5	4·8	9·2	2·8	+ 6·8	S.W.	S.W.	0·0	0·0	0·0	195	0·00
FRIDAY .	21	..	29·774	48·3	37·7	42·7	39·3	50·0	26·5	44·6	40·5	3·4	8·4	0·5	+ 3·2	N.E.	& N.E. N.E. &	0·0	0·0	0·0	40	0·20
SATURDAY	22	Last Quarter.	29·879	49·6	30·9	39·8	34·3	..	25·0	44·6	40·7	5·5	15·2	0·0	+ 0·2	Calm.	Calm. S.E.	0·0	0·0	0·0	60	0·10
																					75	0·00
MEANS . .		..	29·870	50·3	35·1	42·5	37·3	54·8	30·5	42·8	39·0	5·2	10·3	1·7	+ 3·1	S.W.		..	..	..	Sum 830	Sum 0·30
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	During the morning of the 17th, active positive electricity was shown; and on Saturday active positive electricity was shown throughout the day.
MONDAY . .	
TUESDAY .	
WEDNESDAY	
THURSDAY .	
FRIDAY . .	
SATURDAY .	

GENERAL REMARKS.

The sky was cloudless throughout the day.

The sky was cloudless till 8h. 30m. P.M., and overcast afterwards; cumulostrati, cirrostrati, and scud.

The sky, with slight exceptions, was covered with cloud throughout the day; cirrostratus, fleecy clouds, and scud.

The sky was overcast throughout the day; cirrostratus and scud.

The sky was overcast throughout the day; cirrostratus and scud. Rain fell during the evening.

The sky was generally covered with cloud till 6h. P.M., and clear afterwards; cirrostratus and haze. A solar halo was visible during the morning.

The sky was overcast till 10h. A.M.; from this time till 4h. P.M. three-fourths of it were covered, and it was generally clear afterwards. A fine solar halo between the hours of 10 A.M. and afternoon.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12. are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 43·1°; and the mean reading at 9h. P.M. was 41·1°; the mean readings at the Royal Observatory for the same times were 41·7° and 40·2° respectively.

The reading of the barometer decreased from 30·19 in. at the beginning of the week to 29·61 in. by 3h. P.M. on the 20th; increased to 29·91 in. by 9h. A.M. on the 22nd, and decreased to 29·84 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday March 1. [No. 9.

HEALTH OF LONDON DURING THE WEEK.

It appears from the return for week ending last Saturday, that the mortality of London is now greater than is generally observed at this period of the year. The deaths, which, as shown in last report, had risen from 1036 to 1213, have undergone a not very considerable decrease, the total number now being 1148. In the ten corresponding weeks of 1841-50, there is no instance in which they equalled this amount, the two highest numbers, which nearly approach it, having occurred in 1845 and 1849, when they were respectively 1133 and 1138. The average of the corresponding weeks was 1035, which, if corrected for increase of population, becomes 1129; and the 1148 deaths of last week show an increase of 19 on this latter result.

A comparative statement of the mortality at different periods of life shows that the present increase affects both young and old, but especially persons in the middle stage of existence:—

Ages.	Deaths last week.	Deaths in the previous week.	Average of ten corresponding weeks (1841–50).
From birth to 15	503	501	452
„ 15 to 60	383	413	339
„ 60 and upwards	258	299	241

In the zymotic or epidemic class of diseases, the total number of deaths enumerated in the present return is 223; whilst the corrected average is 211. Small-pox was fatal in 19 cases, measles in 36, scarlatina in 19, hooping-cough, which still predominates in this class, and considerably exceeds the average, in 66. Diarrhœa numbers 17; while to fever, which happily has declined, 31 are ascribed. Two children, 3 persons of middle age, and 3 who had turned 60 years, died of influenza; being more than the usual weekly number at this season.

Of the 19 cases in which small-pox was fatal, 12 occurred under 15 years of age, and the remaining 7 between 15 and 47. It appears that in four of the cases recorded vaccination had been performed, and that the ages of the patients were respectively 13, 21, 36, and 47. At 4 Cottage-row, on 23rd February, the servant of a brewer, aged 21 years, died of "confluent small-pox (13 days), pneumonia (16 hours)." The Registrar adds, from information given by the brother of the deceased, that "he had been vaccinated when young, that it took remarkably well, and the cicatrix was still visible." A case of "confluent small-pox, unprotected," which occurred to a female servant, from Poplar-road, of the age of 22, proved fatal at the Small-pox Hospital, Holloway.

Amongst the various kinds of diseases, those which affect the organs of respiration continue to be most conspicuous, and they amount in this table to 281; in that of the previous week to 277; whilst the corrected average is only 215. The fatality of bronchitis has increased from 119 in the preceding week to 131 in the last; that of pneumonia from 98 to 104. Bronchitis has been much more fatal than in any corresponding week, having fluctuated in the last five years between 71 and 112. The mortality of consumption has been also aggravated in some degree, and amounts to 146, a greater number than has occurred in any corresponding week since 1845.

The widow of a soldier died in the Charing Cross sub-district, at the great age of 104 years. She had been married three times, and had been a widow 20 years.

The births of 784 boys and 807 girls, in all 1591 children, were registered in the week. The average of six corresponding weeks in 1845–50 was 1479.

At the Royal Observatory, Greenwich, the mean daily height of the barometer was above 30 in. on the last four days of the week; and the mean of the week was 29·981 in. On each day of the week, the mean temperature was below the average of the same day in 10 years, except on Tuesday, when it very slightly exceeded it. On the preceding day it had been only 34°·1, the lowest daily mean of the week, and 6°·4 below the average. On Friday and Saturday it was about 36°, and between 4° and 8° lower than the average. The mean of the week was 37°·6. The wind first blew from the east, and afterwards turned towards the north.

The following selections are made from the Registrars' Reports:—

In Pancras, sub-district of Gray's-inn lane, at 11 Wellington-square, on 22nd February, the daughter of a labourer, aged 8 months, died of "pertussis (6 weeks)." Mr. Worrell states, that "the death, which is the second within 14 days, occurred in a wretched, underground kitchen, The medical man in attendance informed him, that the unwholesomeness of the dwelling deprived the patients of all chance of recovery."

In Pancras, sub-district of Camden Town, at 4 Lower Union-place, Maiden-lane, on 22nd February, the son of a journeyman butcher, aged 16 months, died of "fever (3 weeks)." Mr. Holl describes this as "a poor and crowded locality, in the course of being demolished to make room for the works of the Great Northern Railway." Also, at 29 Cambridge-crescent, Agar Town, the daughter of a labourer, aged 15 years, died of "amenorrhœa (4 weeks), fever (4 weeks), congestion of the brain (14 days)." "The houses of this place consist of only two rooms; they are very damp, and inhabited by poor persons."

In Holborn, district St. Andrew East, at 8 Pheasant-court, Gray's-inn-lane, on 25th February, the daughter of a labourer, aged 4 months, died of "dentition, diarrhœa (1 week)." This court (says Mr. Holmes) is much crowded with Irish families and strangers.

In Hackney-road sub-district, at 12 Emma-street, on 23rd February, the son of a cigar-maker, aged 2 years, died of "pneumonia (7 days), typhus (3 days)." Mr. Murray adds, that this is "a one-sided street, facing a large stagnant pond." The two sons of a japanner, one aged 3 months, the other 3 years, died, the former of diarrhœa, the latter of pneumonia, at 6 Gibraltar-walk, which is "a crowded neighbourhood, and has only surface drainage." Baker's Arms gardens, and Green Gate gardens, where children died, one of measles, the other of phthisis, are described, the former as "undrained," the latter as "low and damp."

In Charing Cross sub-district, at 4 Off-alley east, on 23rd February, the widow of a soldier, late in the band of the 29th Regiment, died of "debility," at the unusually protracted age of 104 years. Mr. Leonard reports concerning her, that "she was a woman of colour, was born in New York, and had been three times married; has been a widow 20 years, and has been confined to bed for the last three years."

BIRTHS Registered LAST WEEK, and in the NINTH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1480	1420	1478	1376	1547	1574	1479	1591
Males. . .	760	725	759	713	788	813	760	784
Females . .	720	695	719	663	759	761	719	807

DEATHS Registered LAST WEEK, and in the NINTH Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		1079	957	1021	1055	1133	916	1044	1114	1138	896	1035·3	1148
Males . .		527	484	518	543	595	472	520	557	562	460	523·8	580
Females .		552	473	503	512	538	444	524	557	576	436	511·5	568
	Ages.												
Deaths at three periods of life . .	0—15	451	445	415	465	442	399	440	498	545	418	451·8	503
	15—60	354	307	356	341	420	305	326	372	340	273	339·4	383
	60 & up.	272	204	249	249	271	209	278	222	253	202	240·9	258

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Dec. 7.	Dec. 14.	Dec. 21.	Dec. 28.	Jan. 4.	Jan. 11.	Jan. 18.	Jan. 25.	Feb. 1.	Feb. 8.	Feb. 15.	Feb. 22.	Mar. 1.
BIRTHS	1558	1434	1477	1370	1592	1580	1599	1523	1537	1604	1576	1567	1591
DEATHS	1004	1090	1166	1196	1369	1023	1037	956	1041	1109	1036	1213	1148
DEATHS (except from Violence) . . .	989	1068	1114	1144	1257	1009	1020	932	1029	1074	1006	1187	1125
Deaths (except from Violence) at 60 years and upwards . .	218	274	249	219	308	229	214	187	230	240	204	296	255
Scarlatina	35	29	30	22	14	16	19	17	16	15	20	9	19
Typhus	43	37	43	32	48	35	35	41	48	34	43	35	31
Diarrhœa & Dysentery	25	13	18	32	20	16	16	21	29	18	19	18	22
Cholera	..	2	1	..	1	..	1	..	..	..	..	..	..
Mean Temperature .	42°·6	40°·1	38°·6	38°·3	47°·1	42°·2	45°·0	40°·1	41°·1	40°·5	39°·6	42°·5	37°·6

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child-birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," or "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite the above heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 37°·6—Mar. 1.			
	40°·4	44°·0	35°·0	40°·4	37°·4	51°·5	36°·7	43°·1	42°·4	42°·8	Mean 41°·4				
	Mar. 6	Mar. 5	Mar. 4	Mar. 2	Mar. 1	Feb. 28	Feb. 27	Mar. 4	Mar. 3	Mar. 2	Sum of 10 Weeks	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
ALL CAUSES	1079	957	1021	1055	1133	916	1044	1114	1138	896	10353	503	383	258	1148†
SPECIFIED CAUSES	1061	950	1015	1055	1132	913	1040	1089	1136	892	10283	501	383	257	1142†
1. Zymotic Diseases	179	141	184	215	172	159	153	270	310	153	1936	175	35	13	223
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	77	77	64	60	69	46	49	49	42	48	581	4	29	22	55
3. Tubercular Diseases	190	183	191	204	201	167	167	157	174	142	1776	58	118	14	190
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	145	118	118	112	138	121	138	136	134	122	1282	47	34	32	113
5. Diseases of the Heart and Blood-vessels	19	19	29	38	41	34	38	35	46	28	327	4	16	21	41
6. Diseases of the Lungs, and of the other Organs of Respiration	183	184	175	203	238	172	259	178	204	176	1972	115	89	77	281
7. Diseases of the Stomach, Liver, and other Organs of Digestion	70	59	55	49	71	59	57	79	55	60	614	28	27	16	71
8. Diseases of the Kidneys, &c.	4	5	5	8	9	11	12	16	10	10	90	..	4	5	9
9. Childbirth, Diseases of the Uterus, &c.	16	6	14	5	12	17	12	9	5	11	107	..	10	1	11
10. Rheumatism, Diseases of the Bones, Joints, &c.	11	6	5	10	11	7	14	6	8	6	84	3	2	1	6
11. Diseases of the Skin, Cellular Tissue, &c.	..	..	..	1	1	..	2	2	..	..	6	1	..	2	3
12. Malformations	..	2	..	1	3	1	2	3	5	5	22	2	..	..	2
13. Premature Birth & Debility	25	22	32	21	25	22	15	24	25	28	239	32	3	..	35
14. Atrophy	..	8	14	10	14	19	22	33	20	26	166	21	..	1	22
15. Age	106	67	86	86	88	54	62	59	51	45	704	..	..	46	46
16. Sudden	11	22	22	12	12	3	15	13	12	11	133	..	3	2	5
17. Violence, Privation, Cold, and Intemperance	25	31	21	20	27	21	23	20	35	21	244	11	13	4	29†
1.—Small-pox	24	4	9	17	24	4	11	30	11	10	144	12	7	..	19
Measles	16	19	16	29	24	19	4	33	12	13	185	36	..	..	36
Scarlatina	8	7	29	39	23	16	13	54	57	21	267	17	2	..	19
Hooping Cough	63	54	39	52	45	52	48	19	89	27	488	66	..	..	66
Croup	3	9	12	10	12	11	7	4	6	9	83	8	..	..	8
Thrush	2	5	1	..	3	..	3	3	6	2	25	4	..	..	4
Diarrhœa	7	7	8	10	8	12	10	15	20	18	115	10	2	5	17
Dysentery	..	3	3	3	2	4	1	5	3	3	27	1	3	1	5
Cholera	..	..	..	..	..	1	1	..	35	1	38	..	..	..	..
Influenza	16	4	3	6	1	2	1	18	5	..	56	2	3	3	8
Purpura and Scurvy	..	..	..	..	1	..	1	1	..	..	3	1	..	..	1
Ague	1	1	..	..	..	1	1	..	1	1	6	..	..	..	..
Remittent Fever	1	..	1	..	1	2	2	..	..	3	10	3	..	1	4
Infantile Fever	*	*	*	*	*	*	*	..	1	1	2	..	..	..	..
Typhus	32	22	57	41	18	27	41	67	44	26	375	13	15	3	31
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	6	9	4	19	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	1	..	..	1	..	..	..	..
Erysipelas	6	6	5	7	6	3	6	12	7	9	67	..	..	..	..
Syphilis	..	..	1	..	2	5	3	1	2	4	18	2	..	..	2
Noma (or Canker)	*	*	*	*	2	..	..	1	2	..	5	..	..	..	..
Hydrophobia	..	..	..	1	..	..	..	..	..	1	2	..	..	..	..
2.—Hæmorrhage	3	1	1	2	3	2	3	3	4	6	28	1	2	..	3
Dropsy	52	57	41	39	45	15	19	21	14	17	320	3	10	10	23
Abscess	3	5	7	2	1	1	1	1	1	3	25	..	3	..	3
Ulcer	..	3	2	..	1	..	2	2	1	1	12	..	..	..	..
Fistula	..	..	..	1	..	..	..	..	1	1	3	..	..	..	..
Mortification	7	1	4	2	4	2	4	3	1	8	36	..	3	5	8
Cancer	11	9	6	12	15	26	19	19	20	11	148	..	10	7	17
Gout	1	1	3	2	..	..	1	..	..	1	9	..	1	..	1
3.—Scrofula	3	2	1	1	1	2	1	7	4	8	30	1	..	..	1
Tabes Mesenterica	5	7	6	7	9	13	13	14	13	11	98	14	..	..	14
Phthisis (or Consumption)	147	134	163	156	158	109	119	115	126	93	1320	15	117	14	146
Hydrocephalus	35	40	21	40	33	43	34	21	31	30	328	28	1	..	29

* See Note, p. 67.

† The age of a person whose death is ascribed to fracture was not stated.

in the NINTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.										Mean 41°·4	1851 37°·6—Mar. 1.			
	40°·4	44°·0	35°·0	40°·4	37°·4	51°·5	36°·7	43°·1	42°·4	42°·8					
	Mar. 6	Mar. 5	Mar. 4	Mar. 2	Mar. 1	Feb. 28	Feb. 27	Mar. 4	Mar. 3	Mar. 2	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
4.—Cephalitis	14	7	5	18	11	11	14	14	15	10	119	5	3	..	8
Apoplexy	19	20	20	22	32	28	26	30	28	34	259	4	10	15	29
Paralysis	15	16	23	13	22	24	27	21	28	23	212	1	8	11	20
Delirium Tremens	1	..	..	2	3	4	3	6	1	1	21	..	1	..	1
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy	8	3	4	1	4	7	2	9	11	5	54	..	3	..	3
Tetanus	1	1	..	..	..	..	..	..	..	1	3	..	1	..	1
Insanity	2	..	1	1	1	1	5	5	..	1	17	..	2	..	2
Convulsions	71	61	53	43	53	34	50	42	37	34	478	36	1	..	37
Disease of Brain, &c.	14	10	12	12	12	12	11	9	14	13	119	1	5	6	12
5.—Pericarditis	4	2	1	2	4	..	2	6	4	1	26	1	1	..	2
Aneurism	..	1	2	2	1	4	1	..	1	1	13	..	1	1	2
Disease of Heart, &c.	15	16	26	34	36	30	35	29	41	26	288	3	14	20	37
6.—Laryngitis	2	..	..	2	..	3	2	2	6	6	23	3	..	..	3
Bronchitis	21	18	18	34	52	71	112	68	83	76	553	33	47	51	131
Pleurisy	2	1	..	3	3	2	5	6	2	3	27	..	2	1	3
Pneumonia	90	102	82	96	111	58	83	81	81	65	849	78	20	6	104
Asthma	49	43	52	51	52	27	31	15	20	17	357	..	14	19	33
Disease of Lungs, &c.	19	20	23	17	20	11	26	6	12	9	163	1	6	..	7
7.—Teething	19	21	16	15	16	7	11	15	10	14	144	15	..	..	15
Quinsey	2	1	..	..	1	2	1	1	1	..	9	1	1	..	2
Gastritis }	23	16	10	..	2	1	..	2	1	6	117	1	1	..	2
Enteritis }				8	14	9	3	12	8	2		..	3	2	5
Peritonitis	2	1	2	3	5	4	4	9	3	6	39	2	4	1	7
Ascites	..	..	..	1	1	4	2	1	2	1	12	1	..	1	2
Ulceration (of Intestines)	1	3	..	4	1	2	2	3	2	1	19	1	2	1	4
Hernia	1	2	4	1	3	3	3	3	4	3	27	1	3	1	5
Ileus	3	2	3	6	3	1	3	3	1	3	28	2	..	..	2
Intussusception	1	..	..	..	..	1	..	1	..	2	5	..	..	..	..
Stricture of Intestinal Canal	1	..	..	1	..	1	1	..	..	1	5	..	1	..	1
Disease of Stomach, &c.	2	7	3	3	6	9	9	7	7	6	59	2	4	1	7
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	..	..	3	1	2	4	3	7	1	5	26	..	2	3	5
Jaundice	3	1	6	1	4	1	4	3	7	1	31	..	1	3	4
Disease of Liver	12	4	8	5	13	10	11	12	8	9	92	1	5	3	9
Disease of Spleen	..	1	..	..	..	..	..	..	..	..	1	1	..	..	1
8.—Nephritis	..	1	..	..	2	4	..	..	..	..	7	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	2	..	5	7	..	1	..	1
Ischuria	..	..	..	..	..	..	..	..	2	..	2	..	..	..	..
Diabetes	..	..	..	1	..	..	1	1	..	1	4	..	1	..	1
Stone	..	..	..	1	..	..	..	..	1	1	3	..	..	..	..
Cystitis	..	..	..	..	..	..	2	1	..	..	3	..	..	1	1
Stricture of Urethra	..	..	1	1	..	1	..	..	..	..	3	..	..	1	1
Disease of Kidneys, &c.	4	4	4	5	7	6	9	12	7	3	61	..	2	3	5
9.—Paramenia	..	2	..	..	..	..	1	..	..	..	3	..	1	..	1
Ovarian Dropsy	..	..	2	..	..	4	..	1	1	1	9	..	..	1	1
Childbirth (*see* Metria)	11	4	11	5	9	11	11	6	4	4	76	..	8	..	8
Disease of Uterus, &c.	5	..	1	..	3	2	..	2	..	6	19	..	1	..	1
10.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
Rheumatism	4	2	1	4	4	5	5	6	3	5	39	..	2	1	3
Disease of Joints, &c.	7	4	4	6	7	2	9	..	5	1	45	2	..	..	2
11.—Carbuncle	..	..	..	1	..	..	..	..	..	..	1	..	..	1	1
Phlegmon	..	..	..	..	1	..	1	1	..	..	3	..	..	1	1
Disease of Skin, &c.	..	..	..	..	..	..	1	1	..	..	2	1	..	..	1
17.—Intemperance	1	..	2	..	1	1	..	1	2	1	9	..	..	1	1
Privation of Food	1	..	1	1	2	1	1	..	1	2	10	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	3	3	2	8	5	..	..	5
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	1	1	..	2	..	..	..	..
Poison	*	*	*	*	*	*	*	1	4	..	5	..	2	..	2
Burns and Scalds	*	*	*	*	*	*	*	1	5	2	8	4	..	1	5
Hanging and Suffocation	*	*	*	*	*	*	*	3	4	1	8	2	1	..	3
Drowning	*	*	*	*	*	*	*	3	5	1	9	..	1	..	1
Fractures	*	*	*	*	*	*	*	4	7	12	23	..	3	2	6†
Wounds	*	*	*	*	*	*	*	2	2	..	4	..	5	..	5
Other Violence	*	*	*	*	*	*	*	1	1	..	2	..	1	..	1
All Violence	23	31	18	19	24	19	22	15	28	16	215	6	13	3	23†
Causes not specified	18	7	6	..	1	3	4	25	2	4	70	2	..	1	6†

* See page 67.

† The age of a person whose death is ascribed to fracture was not stated.

DEATHS Registered in the NINTH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			40°·4	44°·0	35°·0	40°·4	37°·4	51°·5	36°·7	43°·1	42°·4	42°·8	Mean 41°·4	37°·6
			Mar. 6	Mar. 5	Mar. 4	Mar. 2	Mar. 1	Feb. 28	Feb. 27	Mar. 4	Mar. 3	Mar. 2	Sum of 10 Weeks.	Mar. 1
	1831	1841	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1654994	1948369	1079	957	1021	1055	1133	916	1044	1114	1138	896	10353	1148
1–6. WEST DISTRICTS .	252761	301189	145	141	155	154	175	139	139	179	181	139	1547	175
7–11. NORTH DISTRICTS .	306185	376568	210	189	211	194	201	150	210	202	179	159	1905	264
12–19. CENTRAL DISTRICTS	355502	374199	219	179	196	218	228	170	191	179	195	167	1942	204
20–25. EAST DISTRICTS .	330736	393067	219	199	194	243	224	190	242	238	298	191	2238	234
26–36. SOUTH DISTRICTS .	409810	503346	286	249	265	246	305	267	262	316	285	240	2721	271
1. Kensington . . HL	52981	74881	26	31	29	25	26	42	42	58	50	37	366	48
2. Chelsea . . . *W* H	32371	40243	24	19	22	32	28	23	16	32	35	16	247	35
3. St.GeorgeHanover-sq.H	58209	66657	29	29	31	26	35	22	23	27	36	28	286	30
4. Westminster HHPP	48177	56802	34	34	38	44	41	31	28	35	36	44	365	45
5. St.Martin-in-the-Flds. H	23970	25132	15	14	13	9	22	10	18	5	11	7	124	11
6. St. James Westminster	37053	37457	17	14	22	18	23	11	12	22	13	7	159	6
7. Marylebone . . . H	122206	138383	84	75	79	72	75	57	76	70	59	52	699	102
8. Hampstead	8588	140078	*	*	*	*	*	*	2	4	6	2	14	4
9. Pancras . . *W* HH	103548		89	73	89	82	79	56	84	73	59	58	742	86
10. Islington . . . HP	37316	55779	20	22	25	23	27	21	31	36	31	32	268	50
11. Hackney . . . . H	34527	42328	17	19	18	17	20	16	17	19	24	15	182	22
12. St. Giles	52907	54378	47	26	34	33	30	24	35	40	34	21	324	36
13. Strand (wkh. in 9) . H	42015	43667	18	19	19	26	28	25	23	5	20	17	200	21
14. Holborn	42696	44532	20	24	22	22	22	25	25	22	22	19	223	26
15. Clerkenwell . . PP	47634	56799	26	24	29	27	42	24	37	31	32	25	297	30
16. St. Luke (wkh. in 20) L	46642	49908	27	29	20	16	33	20	26	27	34	27	259	24
17. East London . . . P.	38311	39718	30	16	19	27	20	14	12	17	20	23	198	22
18. West London *W* HPPP	28217	29188	26	23	35	34	22	16	16	18	10	14	214	23
19. City of Lon. (wkh. in 25)	57080	56007	25	18	18	33	31	22	17	19	23	21	227	22
20. Shoreditch . . *W* L	68564	83562	47	35	45	46	48	43	54	58	68	41	485	45
21. Bethnal Green . . L	62018	74209	37	38	38	48	35	30	39	39	73	43	420	40
22. Whitechapel . . . H	64141	71878	48	46	34	55	45	32	55	43	46	28	432	52
23. St. George-in-the-East .	38505	41418	27	24	25	25	25	22	19	20	20	27	234	19
24. Stepney . . . . H	72442	90838	41	43	35	57	50	43	48	58	59	36	470	54
25. Poplar . . . *W* L	25066	31179	19	13	17	12	21	20	27	20	32	16	197	24
26. St. Saviour . . H H	31711	33027	41	23	32	27	34	15	24	29	27	13	265	25
27. St. Olave . . . H H	20021	19869	20	14	22	18	19	16	16	22	17	15	179	18
28. Bermondsey	29741	35002	20	26	23	22	22	19	25	11	24	15	207	23
29. St. Geo. Southwk. LPP	39769	46718	28	25	29	21	26	30	25	34	22	24	264	23
30. Newington . . . P	44526	54693	14	32	27	25	42	31	23	30	23	26	273	26
31. Lambeth	87856	116072	69	63	67	55	72	65	56	54	52	44	597	56
32. Wandsworth . . . L	33090	39918	*	*	*	17	17	27	13	21	21	18	134	21
33. Camberwell . . LL	28231	39931	19	18	16	21	22	13	16	44	28	19	216	24
34. Rotherhithe	12875	13940	10	3	8	9	6	4	7	4	17	6	74	5
35. Greenwich . HHHP	63564	81125	65	45	41	31	45	47	50	59	47	50	480	41
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	7	8	7	10	32	9

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10353; which divided by 10 gives nearly 1035 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1851, by adding to it an eleventh part; thus, 1035 divided by 11 is 94, which added to 1035, makes the corrected average 1129. The corrected average for small-pox, (see page 68,) or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 144 in 10 weeks; the average was 14; the corrected average 15. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5{\cdot}5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	1	1
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	2	2
2 Chelsea [North West]	.	4	4
2 *St. George Hanover Square [Chelsea N.W.]*	.	.	.
3 St. George Hanover Square [May Fair]	1	5	6
4 Westminster [St. Margaret]	1	1	2
5 St. Martin-in-the-Fields [Charing Cross]	1	.	1
6 St. James Westminster [Golden Square]	1	1	2
7 Marylebone [Rectory]	8	9	17
9 *Strand [Tottenham Court]*	.	.	.
9 Pancras [Camden Town]	2	2	4
10 Islington [West]	.	1	1
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	7	4	11
14 Holborn [St. Andrew East]	1	1	2
15 Clerkenwell [St. James]	.	.	.
17 East London [St. Botolph]	.	5	5
18 *East London [West London North]*	.	2	2
18 West London [North]	.	.	.
20 Shoreditch [Haggerstone West]	2	2	4
20 *St. Luke [Hoxton New Town]*	4	2	6
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	2	.	2
22 Whitechapel [North]	9	7	16
23 St. George-in-the-East [St. John]	.	1	1
24 Stepney [Shadwell]	.	1	1
24 Stepney [Ratcliff]	1	1	2
24 Stepney [Mile End Old Town Lower]	2	.	2
24 City of London [ditto]	.	1	1
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	.	2	2
25 Poplar [Poplar]	.	1	1
26 St. Saviour [Christchurch]	.	1	1
27 St. Olave [St. John Horselydown]	1	.	1
28 Bermondsey [St. Mary Magdalen]	.	.	.
29 St. George Southwark [Borough Road]	3	2	5
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2nd]	6	4	10
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	2	.	2
33 Camberwell [Camberwell]	.	.	.
34 Rotherhithe	.	.	.
35 Greenwich [East]	4	1	5
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	58	64	122

HOSPITALS.			
Military and Naval Asylums :—			
35 Royal Hospital Greenwich [East] Pensioners	9	.	9
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	.	.	.
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	9	.	9
General Hospitals :—			
3 St. George [Belgrave]	3	.	3
4 Westminster [St. Margaret]	2	.	2
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	2	3	5
9 University College [Tottenham Court]	9	5	14
9 Royal Free Hospital [Gray's-inn-lane]	4	1	5
13 King's College [St. Clement Danes]	2	2	4
18 St. Bartholomew [West London North]	3	1	4
22 London [Whitechapel Church]	4	.	4
27 Guy's [St. Olave and St. Saviour]	5	1	6
27 St. Thomas [St. Olave & St. Saviour]	3	.	3
Total	37	13	50
Hospitals for Special Diseases :—			
10 Small Pox [Islington West]	.	1	1
10 Fever [Islington West]	1	.	1
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	1	1
Total	1	2	3

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	1	1
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children.	.	.	.
Total	.	1	1
Lunatic Asylums, &c. :—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	1	1
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	2	2
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	1	1	2
29 Bethlem [London Road]	1	.	1
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	3	3
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	.	.
Total	2	7	9
Military and Naval Hospitals :—			
4 Grenadier Guards Hospital [St. John, Westm.]	1	.	1
4 Coldstream Guards Hospital [ditto]	2	.	2
4 Scots Fusilier Guards Hospital [ditto]	1	.	1
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	3	.	3
Total	7	.	7
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	1	.	1
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	1	.	1

PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	2	.	2
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	2	.	2

Workhouses	58	64	122
Military and Naval Asylums	9	.	9
General Hospitals	37	13	50
Hospitals for Special Diseases	1	2	3
Lying-in Hospitals	.	1	1
Lunatic Asylums	2	7	9
Military and Naval Hospitals	7	.	7
Hospitals and Asylums for Foreigners	1	.	1
Prisons	2	.	2
Total in Public Institutions	117	87	204

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 1st March, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.	Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
FEBRUARY.		in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY . 23	..	29·696	48·7	31·9	39·5	33·0	..	29·4	44·4	40·7	6·5	9·9	4·7	— 2·9	E.	E.	2·5	0·0	0·3	85	0·00
MONDAY . 24	..	29·678	51·6	35·8	34·1	32·3	..	27·0	44·1	40·5	1·8	4·6	0·0	— 6·4	E.	S.E.	0·0	0·0	0·0	20	0·03
TUESDAY . 25	Greatest Dec. S.	29·776	49·2	34·1	41·4	40·2	..	29·0	43·6	40·3	1·2	5·5	0·0	+ 1·0	E.	N.E.	0·0	0·0	0·0	45	0·00
WEDNESDAY 26	..	30·189	46·6	32·4	38·2	30·2	..	20·0	43·1	39·7	8·0	13·8	5·6	— 5·0	N.E.	N.N.E.	4·8	0·0	0·5	55	0·00
THURSDAY . 27	..	30·233	43·6	29·1	37·1	33·8	..	24·7	43·1	40·0	3·3	8·9	0·0	— 4·4	N.N.E.	Calm.	0·0	0·0	0·0	40	0·08
FRIDAY . 28	..	30·223	42·2	31·4	36·2	26·8	..	22·0	42·6	39·5	9·4	14·3	0·0	— 7·7	Calm.	N.	0·0	0·0	0·0	45	0·00
MARCH :— SATURDAY 1	Apogee.	30·072	43·7	30·8	36·4	26·5	..	25·5	41·6	36·3	9·9	13·2	5·0	— 4·2	N.W.	N.	3·5	0·0	0·3	145	0·00
MEANS . .	..	29·981	46·5	32·2	37·6	31·8	..	25·4	43·2	39·6	5·7	10·0	2·2	— 4·2	E. and N.		..	..	..	Sum 435	Sum 0·11
No. of Columns	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	On Feb. 26, 28, and March 1, positive, with moderate tension. Nothing was shown at other times during the week.
MONDAY . .	
TUESDAY .	
WEDNESDAY	
THURSDAY .	
FRIDAY . .	
SATURDAY .	

GENERAL REMARKS.

The sky was cloudless throughout the day.

The sky was overcast till noon, three-fourths covered during the afternoon, and at night the amount of cloud was variable; cumulostrati and cirrostrati. Rain fell occasionally during the morning.

The sky was overcast throughout the day; cirrostratus. Fog prevailed during the morning.

One-half of the sky was covered during the morning, generally overcast during the afternoon, and clear at night; cirrostratus and scud.

The sky, with slight exceptions, was covered with cloud throughout the day; cumulostrati, cirrostrati, and loose scud. Rain fell between 5h. and 7h. P.M.

The sky was generally overcast throughout the day; cumulostratus, cirrostratus, and scud. A slight shower of snow fell at 7h. P.M.

The sky was almost free from cloud till near noon, was mostly overcast till 9 P.M., and it was alternately clear and cloudy afterwards.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12. are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The thermometer placed in the full rays of the sun, has been out of order during the week.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 40·5°; and the mean reading at 9h. P.M. was 38·6°; the mean readings at the Royal Observatory for the same times were 38·3° and 37·4° respectively.

The reading of the barometer decreased from 29·84 in. at the beginning of the week to 29·68 in. by 9h. A.M. on the 24th, at which reading it continued till after 8h. P.M., when it began to increase; on the 26th at 9h. P.M. it was 30·26 in., and decreased to 30·03 by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday March 8. [No. 10.

HEALTH OF LONDON DURING THE WEEK.

The Return for the week ending last Saturday exhibits an unfavourable state of health amongst the population of the Metropolitan districts. It was formerly shown that the mortality rose in the third week of February to 1213 deaths, and slightly declined in the subsequent week, when the number was 1148; but it is found that the deaths registered last week amount to 1247. Taking the ten corresponding weeks of 1841–50 for comparison, no example occurs in the series of so great a mortality; the highest return (in the tenth week of 1845) having been 1141, whilst the average did not exceed 1001 deaths. This average, with a correction for the assumed rate of increase of population, is 1092; on which the 1247 deaths returned for last week show an excess of 155.

Last week 570 children died under 15 years of age, whilst the corrected average is only 478; 374 persons died at 15 years and under 60, while the average is 361; and 302 persons of 60 years and upwards died, though the average is only 252. Hence it appears that the young, and persons in advanced life are now the principal sufferers.

The excess both on the previous week and on the average is principally due to diseases which affect the organs of respiration. Hooping-cough carried off 70 children, considerably more than usual at this period; bronchitis 160 persons of various ages, but principally amongst the old, though the greatest number in any corresponding week was not more than 95; asthma 40 persons; laryngitis and laryngismus stridulus 8; croup 13; influenza, which is increasing, 15. Pneumonia, or inflammation of the lungs, was fatal in 96 cases, a great majority of which were among children; but the number attributed to this cause is not remarkable. Consumption destroyed 154 lives, which, with one exception, is a greater number than in any corresponding week.

The zymotic class, besides hooping-cough, croup, and influenza, already mentioned, comprises small-pox and measles, both of which are now more fatal than usual; also scarlatina, typhus, and other complaints, which discover no remarkable results. Two cases of cholera are recorded, of which the following are the particulars:—

At 11 Douglas Gardens, in St. John Westminster, on 6th March, the son of a journeyman painter, aged 6 years, died of "sporadic cholera (2 days' illness)." And at 9 Anchor-yard, City-road, on 1st March, the wife of a general dealer, aged 53 years, "bilious cholera (2 days), low fever (4 days)."

With reference to 26 cases, in which small-pox proved fatal, it is recorded only in three, those of females aged respectively 7 months, 12 years, and 24 years, that vaccination had been performed at some previous time. The daughter of a carpenter, aged 12 years, died on the 1st March, at 26 Emma-street, Hackney-road, of "confluent small-pox (26 days);" and Mr. Murray reports that this is the third death from the disease which has occurred within a month in the same house; and that the house is situated before a stagnant pond.

On the 2nd of March, at 2 Hemingford-terrace, Islington, a gentleman died of bronchitis and natural decay, who is stated to have arrived at the extraordinary age of 106 years, and to have enjoyed possession of his faculties till the last.

The births of 1580 children (of whom 795 were boys and 785 girls) were registered in the week. The average of six corresponding weeks in 1845–50 was 1412.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer was above 30 in. on Sunday and Monday; the mean of the week was 29·890. The mean daily temperature was on each day rather below the average of the same day in 10 years, except on Tuesday and Wednesday, when it slightly exceeded it. The mean of the week was 39°·4.

The following selections are made from the Registrars' Reports:—

In Somers Town, at 3 Holwell-place, the daughter of a baker, aged 1 year, on the 2nd March, died of "inflammation of the lungs, teething, convulsions, (5 days)." "The place (says Mr Matthews) is very confined and damp; the houses consist of two rooms only, one being on the ground floor. A water-butt without a cover is placed in the ground to supply the houses in Holwell-place and Old Romney-place."

In sub-district of St. George, Bloomsbury, at 22 Kenton-street, on 1st March, a comb-maker, aged 51 years, died of "phthisis (about 18 months)." The medical attendant adds on his certificate, that "the drainage of the house is very much complained of by the persons who occupy it, among whom there has been a great deal of illness."

In Gray's-inn-lane, at 4 Pheasant-court, on 2nd March, the daughter of a labourer, aged 7 months, died of "bronchitis (1 week)." Mr. Holmes describes this court "as very close and over-crowded with Irish families and trampers." He adds, that several families live and sleep in one room; and that four deaths have occurred there last week, three amongst children from bronchitis, and one, that of a labourer's wife, from chronic affection of the lungs.

In West London, South sub-district, two children of labourers, aged respectively 9 months and 10 months, died in Plumtree-court and Plough-court, both in the parish of St. Andrew, of diarrhœa, each after a month's illness. Mr. Nason calls attention to the filthy and over-crowded state of these courts, where cholera formerly raged with great virulence. At 23 Plumtree-court, two deaths occurred this week from diarrhœa, in two rooms occupied by the same family. The father, mother, three boys, and a girl, all sleep in one room, and the father-in-law and two sisters-in-law in the other. The house has no thorough ventilation.

Stepney, Mile-End Old Town (Upper part). Mr. Baddeley states with regard to his sub-district, an extensive one, in which the deaths of 6 males and 14 females were regis-

tered in the week (11 from bronchitis, pertussis, and other affections of the respiratory organs), that it is generally healthy, but at present many are suffering from hooping-cough and diseases of the chest, to such extent that he remembers nothing like it in the prevalence of these complaints since the Registration Act came into operation.

BIRTHS Registered LAST WEEK, and in the TENTH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1254	1329	1390	1480	1544	1476	1412	1580
Males. . .	639	669	714	750	821	733	721	795
Females . .	615	660	676	730	723	743	691	785

DEATHS Registered LAST WEEK, and in the TENTH Week of Ten previous Years.

	Ages.	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		1049	890	1040	1030	1141	860	1008	1070	1047	875	1001·0	1247
Males . .		528	471	528	531	607	429	526	525	531	433	510·9	582
Females .		521	419	512	499	534	431	482	545	516	442	490·1	665
Deaths at three periods of life . .	0—15	439	385	409	450	446	410	446	520	501	371	437·7	570
	15—60	333	306	389	332	424	280	306	341	315	282	330·8	374
	60 & up.	275	196	241	247	269	169	256	209	230	222	231·4	302

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Dec. 14.	Dec. 21.	Dec. 28.	Jan. 4.	Jan. 11.	Jan. 18.	Jan. 25.	Feb. 1.	Feb. 8.	Feb. 15.	Feb. 22.	Mar. 1.	Mar. 8.
BIRTHS	1434	1477	1370	1592	1580	1599	1523	1537	1604	1576	1567	1591	1580
DEATHS	1090	1166	1196	1369	1023	1037	956	1041	1109	1036	1213	1148	1247
DEATHS (except from Violence) . . .	1068	1114	1144	1257	1009	1020	932	1029	1074	1006	1187	1125	1242
Deaths (except from Violence) at 60 years and upwards . .	274	249	219	308	229	214	187	230	240	204	296	255	302
Scarlatina	29	30	22	14	16	19	17	16	15	20	9	19	20
Typhus	37	43	32	48	35	35	41	48	34	43	35	31	36
Diarrhœa & Dysentery	13	18	32	20	16	16	21	29	18	19	18	22	16
Cholera	2	1	..	1	..	1	..	..	..	..	..	..	2
Mean Temperature .	40°·1	38°·6	38°·3	47°·1	42°·2	45°·0	40°·1	41°·1	40°·5	39°·6	42°·5	37°·6	39°·4

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child-birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," or "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite the above heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 39°·4—Mar. 8.			
	47°·8	43°·6	35°·9	37°·7	30°·1	47°·6	37°·1	41°·7	43°·0	42°·4	Mean 40°·7				
	Mar. 13 1841	Mar. 12 1842	Mar. 11 1843	Mar. 9 1844	Mar. 8 1845	Mar. 7 1846	Mar. 6 1847	Mar. 11 1848	Mar. 10 1849	Mar. 9 1850	Sum of 10 Weeks	0	15	60	All Ages.
ALL CAUSES	1049	890	1040	1030	1141	860	1008	1070	1047	875	10010	570	374	302	1247†
SPECIFIED CAUSES	1038	882	1035	1026	1141	858	1007	1067	1040	873	9967	569	373	299	1242†
1. Zymotic Diseases	183	136	170	191	178	162	150	261	243	133	1807	200	35	16	251
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	80	60	72	54	58	38	50	46	45	50	553	1	24	25	50
3. Tubercular Diseases	185	183	187	195	220	153	174	193	172	149	1811	71	123	14	208
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	121	109	129	124	134	128	144	128	104	141	1262	69	25	31	125
5. Diseases of the Heart and Blood-vessels	27	18	29	40	36	28	36	30	25	33	302	8	33	28	70†
6. Diseases of the Lungs, and of the other Organs of Respiration	163	151	211	218	231	134	224	198	223	171	1924	112	93	116	321
7. Diseases of the Stomach, Liver, and other Organs of Digestion	69	59	47	55	59	65	43	67	62	50	576	33	27	12	72
8. Diseases of the Kidneys, &c.	8	7	8	12	13	12	10	12	15	15	112	..	4	3	7
9. Childbirth, Diseases of the Uterus, &c.	9	8	9	10	24	16	12	7	5	12	112	..	2	1	3
10. Rheumatism, Diseases of the Bones, Joints, &c.	7	7	5	7	9	5	10	4	4	10	68	5	..	3	8
11. Diseases of the Skin, Cellular Tissue, &c.	..	1	2	1	1	..	..	2	2	4	13	1	..	..	1
12. Malformations	4	2	..	1	4	5	6	3	3	2	30	6	..	..	6
13. Premature Birth & Debility	18	17	21	27	20	25	28	16	35	13	220	34	2	..	36
14. Atrophy	6	6	7	6	19	18	24	23	16	18	143	19	..	1	20
15. Age	114	69	101	63	72	38	49	36	39	42	623	..	..	45	45
16. Sudden	20	12	17	10	22	12	13	14	10	9	139	5	3	3	11
17. Violence, Privation, Cold, and Intemperance	24	37	20	12	41	19	34	27	37	21	272	5	2	1	8
1.—Small-pox	42	1	11	16	25	7	8	38	13	6	167	22	4	..	26
Measles	2	16	10	32	17	18	5	34	9	17	160	30	..	..	30
Scarlatina	11	12	21	40	24	11	11	42	43	14	229	20	..	..	20
Hooping Cough	53	49	49	43	42	62	44	27	69	35	473	70	..	..	70
Croup	12	18	4	9	9	5	9	7	6	3	82	13	..	..	13
Thrush	3	3	6	5	1	3	1	1	2	1	26	3	..	..	3
Diarrhœa	4	7	4	4	10	5	18	14	18	9	93	8	2	3	13
Dysentery	..	..	3	2	1	3	3	..	3	1	16	1	1	1	3
Cholera	..	..	1	..	..	..	..	1	15	..	17	1	1	..	2
Influenza	29	2	1	7	3	2	4	11	4	..	63	4	4	7	15
Purpura and Scurvy	..	1	1	..	..	1	1	1	3	..	8	..	..	..	..
Ague	..	..	1	..	..	..	..	..	..	..	1	1	..	..	1
Remittent Fever	..	1	2	..	..	1	1	3	1	1	10	2	..	1	3
Infantile Fever	*	*	*	*	*	*	*	1	..	1	2	3	..	..	3
Typhus	21	25	52	31	35	34	28	62	42	29	359	18	15	3	36
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	4	6	2	12	..	4	..	4
Rheumatic Fever	*	*	*	*	*	*	*	2	..	..	2	..	..	1	1
Erysipelas	6	1	3	1	10	7	11	11	7	7	64	3	2	..	5
Syphilis	..	..	1	1	1	2	5	2	2	6	20	1	2	..	3
Noma (or Canker)	*	*	*	*	..	1	1	..	..	1	3	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	4	3	3	..	3	3	6	..	2	6	30	..	1	2	3
Dropsy	56	39	45	35	37	14	25	14	16	12	293	1	6	12	19
Abscess	3	2	7	..	..	1	..	5	1	5	24	..	2	..	2
Ulcer	1	1	1	..	..	1	2	1	1	..	8	..	1	..	1
Fistula	1	..	1	..	..	..	..	1	..	..	3	..	..	..	..
Mortification	6	6	4	4	4	3	2	3	6	8	46	..	5	7	12
Cancer	6	8	10	13	14	16	12	20	19	19	137	..	9	2	11
Gout	3	1	1	2	..	..	3	2	..	..	12	..	..	2	2
3.—Scrofula	3	3	2	2	4	5	2	7	4	2	34	4	3	..	7
Tabes Mesenterica	4	6	9	11	5	13	15	18	19	9	109	15	1	..	16
Phthisis (or Consumption)	142	149	143	150	166	106	128	141	121	107	1353	22	118	14	154
Hydrocephalus	36	25	33	32	45	29	29	27	28	31	315	30	1	..	31

* See Note, p. 75.

† The age of a person who died of disease of heart was not stated.

in the TENTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 39°·4—Mar. 8.			
	47°·8	43°·6	35°·9	37°·7	30°·1	47°·6	37°·1	41°·7	43°·0	42°·4	Mean 40°·7				
	Mar. 13	Mar. 12	Mar. 11	Mar. 9	Mar. 8	Mar. 7	Mar. 6	Mar. 11	Mar. 10	Mar. 9	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
4.—Cephalitis	14	9	13	20	12	14	8	9	9	14	122	4	1	3	8
Apoplexy	15	20	14	16	27	25	23	35	21	34	230	2	8	10	20
Paralysis	11	22	24	26	18	17	26	24	15	33	216	..	4	11	15
Delirium Tremens	..	..	2	1	1	2	7	2	3	3	21	..	4	..	4
Chorea	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Epilepsy	3	4	6	4	2	4	10	8	6	8	55	..	1	2	3
Tetanus	1	1	..	1	1	..	..	..	..	..	4	..	..	..	..
Insanity	..	..	..	1	1	1	1	2	2	1	9	..	..	1	1
Convulsions	66	46	61	51	58	46	59	43	38	37	505	60	..	..	60
Disease of Brain, &c.	11	7	9	4	14	19	10	5	10	10	99	3	7	4	14
5.—Pericarditis	..	..	1	4	2	4	1	2	1	3	18	4	3	1	8
Aneurism	1	..	1	1	1	..	2	2	3	..	11	..	1	..	1
Disease of Heart, &c.	26	18	27	35	33	24	33	26	21	30	273	4	29	27	61†
6.—Laryngitis	..	..	..	1	1	3	2	2	9	2	20	6	2	..	8
Bronchitis	18	11	26	37	61	39	86	95	85	65	523	36	45	79	160
Pleurisy	2	2	5	..	6	1	3	3	4	4	30	1	4	1	6
Pneumonia	79	88	115	113	108	66	97	72	89	74	901	66	20	10	96
Asthma	46	33	47	42	38	13	29	13	29	17	307	..	20	20	40
Disease of Lungs, &c.	18	17	18	25	17	12	7	13	7	9	143	3	2	6	11
7.—Teething	17	20	15	15	11	13	6	11	9	5	122	21	..	..	21
Quinsey	..	..	1	1	2	..	1	2	1	2	10	1	1	..	2
Gastritis }	28	15	11	5	2	1	..	4	1	1	125	..	..	..	..
Enteritis }				8	9	9	6	9	9	7		4	2	1	7
Peritonitis	2	..	..	4	5	4	3	8	7	6	39	1	3	..	4
Ascites	..	2	1	2	2	1	1	4	1	1	15	..	1	1	2
Ulceration (of Intestines)	2	3	..	..	1	4	2	5	1	..	18	..	5	..	5
Hernia	4	2	..	1	3	4	5	1	2	2	24	..	1	1	2
Ileus	1	1	4	1	3	3	2	3	2	2	22	..	..	..	..
Intussusception	..	..	..	..	..	..	1	1	..	4	6	1	..	..	1
Stricture of Intestinal Canal	2	..	1	..	1	..	..	..	1	..	5	..	..	..	..
Disease of Stomach, &c.	2	3	3	8	5	9	4	8	8	4	54	1	3	2	6
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	..	3	2	1	8	2	1	6	4	28	..	2	3	5
Jaundice	2	3	1	1	3	1	3	3	6	3	26	4	1	2	7
Disease of Liver	8	9	7	7	11	8	7	7	8	8	80	..	8	2	10
Disease of Spleen	..	1	..	..	..	..	..	..	..	1	2	..	..	..	..
8.—Nephritis	1	..	2	1	..	..	1	2	..	..	7	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	..	2	2	4	..	1	..	1
Ischuria	1	..	..	..	..	1	..	..	..	..	2	..	..	..	..
Diabetes	..	..	1	..	1	..	1	1	1	..	5	..	1	..	1
Stone	..	..	..	..	2	1	..	2	1	1	7	..	..	..	..
Cystitis	..	..	..	1	1	..	1	..	2	..	5	..	..	1	1
Stricture of Urethra	..	..	1	..	2	1	2	..	..	3	9	..	..	..	..
Disease of Kidneys, &c.	6	7	4	10	7	9	5	7	9	9	73	..	2	2	4
9.—Paramenia	..	..	..	..	..	1	..	..	1	1	3	..	..	..	..
Ovarian Dropsy	..	1	..	1	..	..	2	..	1	..	5	..	..	..	..
Childbirth (*see* Metria)	7	5	6	8	17	14	6	5	2	7	77	..	2	..	2
Disease of Uterus, &c.	2	2	3	1	7	1	4	2	1	4	27	..	..	1	1
10.—Arthritis	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Rheumatism	3	2	3	3	2	4	6	2	1	6	32	2	..	2	4
Disease of Joints, &c.	4	5	2	4	7	1	4	2	2	4	35	3	..	1	4
11.—Carbuncle	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Phlegmon	..	..	..	..	..	..	..	..	..	3	3	..	..	..	..
Disease of Skin, &c.	..	1	2	1	1	..	..	2	2	1	10	1	..	..	1
17.—Intemperance	1	..	..	..	..	..	..	2	2	..	5	..	..	..	..
Privation of Food	..	2	..	..	1	..	..	..	..	..	3	..	..	1	1
Want of Breast-milk	*	*	*	*	*	*	*	2	3	6	11	2	..	..	2
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	..	1	1	2	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	2	3	5	10	3	..	..	3
Hanging and Suffocation	*	*	*	*	*	*	*	6	2	1	9	..	..	..	..
Drowning	*	*	*	*	*	*	*	5	6	1	12	..	1	..	1
Fractures	*	*	*	*	*	*	*	9	16	3	28	..	1	..	1
Wounds	*	*	*	*	*	*	*	..	3	4	7	..	..	..	..
Other Violence	*	*	*	*	*	*	*	1	1	..	2	..	..	..	..
All Violence	23	35	20	12	40	19	34	23	32	15	253	3	2	..	5
Causes not specified	11	8	5	4	..	2	1	3	7	2	43	1	1	3	5

* See page 75.

† The age of a person who died of disease of heart was not stated.

DEATHS Registered in the TENTH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			47°·8	43°·6	35°·9	37°·7	30°·1	47°·6	37°·1	41°·7	43°·0	42°·4	Mean 40°·7	39°·4
			Mar. 13	Mar. 12	Mar. 11	Mar. 9	Mar. 8	Mar. 7	Mar. 6	Mar. 11	Mar. 10	Mar. 9	Sum of 10 Weeks.	Mar. 8
	1831	1841	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1654994	1948369	1049	890	1040	1030	1141	860	1008	1070	1047	875	10010	1247
1–6. WEST DISTRICTS .	252761	301189	190	114	149	138	159	110	129	149	151	123	1412	175
7–11. NORTH DISTRICTS .	306185	376568	192	185	226	181	231	180	175	193	168	160	1891	220
12–19. CENTRAL DISTRICTS	355502	374199	203	203	177	182	220	151	190	172	170	160	1828	255
20–25. EAST DISTRICTS .	330736	393067	222	173	228	226	235	167	214	252	255	186	2158	272
26–36. SOUTH DISTRICTS .	409810	503346	242	215	260	303	296	252	300	304	303	246	2721	325
1. Kensington . . HL	52981	74881	48	24	29	33	36	19	31	56	41	37	354	63
2. Chelsea . . . *W*H	32371	40243	28	16	22	24	20	17	21	30	19	18	215	26
3. St.GeorgeHanover-sq.H	58209	66657	45	19	30	24	37	27	24	16	23	20	265	26
4. Westminster HHPP	48177	56802	34	27	36	28	30	29	29	29	50	32	324	36
5. St.Martin-in-the-Flds. H	23970	25132	15	15	16	10	19	9	13	11	4	8	120	10
6. St. James Westminster	37053	37457	20	13	16	19	17	9	11	7	14	8	134	14
7. Marylebone . . . H	122206	138383	67	68	92	73	101	63	73	60	57	63	717	74
8. Hampstead	8588	140078	*	*	*	*	*	*	3	3	1	4	11	5
9. Pancras . . *W*HH	103548		74	76	89	74	73	72	52	76	59	45	690	85
10. Islington . . . HP	37316	55779	33	22	23	22	33	26	26	29	27	29	270	38
11. Hackney . . . . H	34527	42328	18	19	22	12	24	19	21	25	24	19	203	18
12. St. Giles	52907	54378	28	23	23	31	29	11	35	26	31	13	250	33
13. Strand (wkh. in 9) . H	42015	43667	22	20	19	23	26	13	9	12	17	15	176	23
14. Holborn	42696	44532	22	17	17	22	22	16	23	24	21	20	204	37
15. Clerkenwell . . PP	47634	56799	30	31	30	29	34	20	17	31	22	22	266	36
16. St. Luke (wkh. in 20) L	46642	49908	24	34	21	18	29	29	26	20	13	22	236	48
17. East London . . . P.	38311	39718	32	21	14	28	18	18	24	20	16	18	209	29
18. West London *W*HPPP	28217	29188	19	28	28	14	33	28	41	23	34	29	277	25
19. City of Lon. (wkh. in 25)	57080	56007	26	29	25	17	29	16	15	16	16	21	210	24
20. Shoreditch . . *W*L	68564	83562	49	34	57	52	37	35	53	52	45	35	449	59
21. Bethnal Green . . L	62018	74209	45	32	35	35	51	22	40	43	49	25	377	43
22. Whitechapel . . . H	64141	71878	41	33	46	51	49	24	41	44	44	46	419	54
23. St. George-in-the-East .	38505	41418	26	20	29	30	22	25	22	37	45	26	282	23
24. Stepney . . . . H	72442	90838	49	44	42	42	58	41	40	50	57	35	458	66
25. Poplar . . . *W*L	25066	31179	12	10	19	16	18	20	18	26	15	19	173	27
26. St. Saviour . . H H	31711	33027	22	17	16	24	20	26	17	29	21	15	207	25
27. St. Olave . . . H H	20021	19869	18	29	20	22	21	23	37	14	18	13	215	15
28. Bermondsey	29741	35002	14	12	23	17	23	18	21	19	28	17	192	33
29. St. Geo. Southwk. LPP	39769	46718	26	27	40	26	31	18	20	38	25	21	272	40
30. Newington . . . P	44526	54693	34	20	31	41	32	26	22	21	27	33	287	29
31. Lambeth	87856	116072	53	53	63	70	55	59	62	62	50	43	570	58
32. Wandsworth . . . L	33090	39918	*	*	*	22	17	19	15	26	14	16	129	24
33. Camberwell . . LL	28231	39931	24	17	20	24	21	18	38	24	31	20	237	31
34. Rotherhithe	12875	13940	5	7	3	11	6	5	10	8	16	8	79	8
35. Greenwich . HHHP	63564	81125	46	33	44	46	70	40	52	51	59	45	486	44
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	6	12	14	15	47	18

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10010; which divided by 10 gives 1001 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1851, by adding to it an eleventh part; thus, 1001 divided by 11 is 91, which added to 1001, makes the corrected average 1092. The corrected average for small-pox, or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 167 in 10 weeks; the average was 17; the corrected average 19. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5{\cdot}5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary]	1	1	2
1 Kensington [Town]	.	1	1
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	1	1
2 Chelsea [North West]	.	2	2
2 *St. George Hanover Square [Chelsea N.W.]*	.	.	.
3 St. George Hanover Square [May Fair]	.	.	.
4 Westminster [St. Margaret]	.	3	3
5 St. Martin-in-the-Fields [Charing Cross]	2	.	2
6 St. James Westminster [Golden Square]	1	2	3
7 Marylebone [Rectory]	6	6	12
9 *Strand [Tottenham Court]*	.	5	5
9 Pancras [Camden Town]	7	5	12
10 Islington [West]	.	.	.
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	4	6	10
14 Holborn [St. Andrew East]	1	3	4
15 Clerkenwell [St. James]	1	1	2
17 East London [St. Botolph]	.	2	2
18 *East London [West London North]*	.	.	.
18 West London [North]	.	1	1
20 Shoreditch [Haggerstone West]	2	2	4
20 *St. Luke [Hoxton New Town]*	.	2	2
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	1	.	1
22 Whitechapel [North]	3	5	8
23 St. George-in-the-East [St. John]	2	.	2
24 Stepney [Shadwell]	.	2	2
24 Stepney [Ratcliff]	1	.	1
24 Stepney [Mile End Old Town Lower]	1	1	2
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	1	.	1
25 *London City [Bow]*	.	.	.
25 Poplar [Poplar]	.	2	2
26 St. Saviour [Christchurch]	2	1	3
27 St. Olave [St. John Horselydown]	2	.	2
28 Bermondsey [St. Mary Magdalen]	3	2	5
29 St. George Southwark [Borough Road]	2	.	2
30 Newington [St. Peter Walworth]	2	2	4
31 Lambeth [Lambeth Church 2nd]	2	1	3
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	.	.	.
33 Camberwell [Camberwell]	.	1	1
34 Rotherhithe	.	1	1
35 Greenwich [East]	2	3	5
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	49	64	113

HOSPITALS.

	M.	F.	T.
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	6	.	6
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	.	.	.
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	6	.	6
General Hospitals:—			
3 St. George [Belgrave]	.	1	1
4 Westminster [St. Margaret]	.	1	1
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	1	1	2
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	.	.	.
18 St. Bartholomew [West London North]	5	5	10
22 London [Whitechapel Church]	3	.	3
27 Guy's [St. Olave and St. Saviour]	4	1	5
27 St. Thomas [St. Olave & St. Saviour]	2	1	3
Total	15	10	25
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	.	.	.
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	1	2
Total	1	1	2

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women.	.	1	1
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children.	.	.	.
Total	.	1	1
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	1	1
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	1	1
1 Sussex and Brandenburgh House [Fulham]	.	1	1
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	1	.	1
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	1	1
33 Peckham House [Camberwell]	1	1	2
33 Camberwell House [Camberwell]	.	1	1
Total	2	6	8
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	1	.	1
4 Coldstream Guards Hospital [ditto]	1	.	1
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	1	.	1
Total	3	.	3
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.

PRISONS.

4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.

Workhouses	49	64	113
Military and Naval Asylums	6	.	6
General Hospitals	15	10	25
Hospitals for Special Diseases	1	1	2
Lying-in Hospitals	.	1	1
Lunatic Asylums	2	6	8
Military and Naval Hospitals	3	.	3
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	.	.
Total in Public Institutions	76	82	158

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 8th March, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain, in inches, read at 9h. p.m.
March.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday .	2	..	30·264	47·0	32·2	37·6	31·1	..	27·0	41·6	38·0	6·5	14·7	4·2	— 3·2	N.	Calm.	0·0	0·0	0·0	35	0·00
Monday .	3	New.	30·049	43·1	32·2	36·5	32·6	..	26·0	41·1	37·5	3·9	7·2	3·0	— 4·3	S.W.	W.	0·0	0·0	0·0	30	0·00
Tuesday .	4	..	29·904	50·8	32·7	41·6	33·8	..	34·8	41·1	37·5	7·8	13·2	2·5	+ 0·7	W.	W.	0·0	0·0	0·0	50	0·00
Wednesday	5	In Equa.	29·583	47·4	40·2	42·3	39·7	..	26·5	41·4	37·5	2·6	6·7	1·8	+ 1·2	S.W.	S.W. and N.W.	3·0	0·0	0·3	130	0·10
Thursday .	6	..	29·670	46·4	32·8	38·8	28·1	..	30·0	41·1	37·5	10·7	12·3	9·6	— 2·3	N.	N.N.W.	7·0	0·0	1·6	175	0·00
Friday .	7	..	29·840	46·7	35·8	39·6	31·5	..	29·0	41·4	38·0	8·1	11·3	6·5	— 1·6	N.N.W.	N.	0·0	0·0	0·0	10	0·00
Saturday	8	..	29·918	46·7	35·8	39·9	31·1	..	23·0	41·4	38·1	8·8	15·0	4·4	— 1·4	W.	Calm.	0·0	0·0	0·0	65	0·00
Means . .		..	29·890	46·7	34·5	39·4	32·6	..	28·0	41·3	37·7	6·9	11·5	4·6	— 1·6			..	..	..	Sum 495	Sum 0·10
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

Sunday . .	Nothing was shown at any examination.
Monday . .	Nothing was shown throughout the day.
Tuesday .	Positive, and tension moderate during the afternoon.
Wednesday	Positive, and tension variable throughout the day.
Thursday .	Nothing was shown at any examination.
Friday . .	Positive, and tension moderate during the afternoon.
Saturday .	Positive, and tension strong throughout the day.

GENERAL REMARKS.

The sky was generally free from cloud during the morning; one-half covered during the afternoon, and at night; the amount of cloud was variable; cirrostratus and fleecy clouds.

The sky was overcast throughout the day; cirrostratus.

The sky was one-half covered with cloud till 5h. P.M., and overcast afterwards; cirrostratus and fleecy clouds.

The sky was overcast throughout the day; cirrostratus. Rain fell generally throughout the day.

The sky was generally clear till near noon, and covered with cloud throughout the remainder of the day.

The sky was overcast throughout the day; cirrostratus.

The sky was overcast till 7h. P.M.; from this time till 10h. P.M. the clouds were much broken, and the sky was clear afterwards.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The thermometer placed in the full rays of the sun, has been out of order during the week.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 41·7°; and the mean reading at 9h. P.M. was 41·0°; the mean readings at the Royal Observatory for the same times were 39·1° and 39·3° respectively.

The direction of the wind was principally N. on the first and last three days of the week, and was mostly SW. on the remaining three days,

The reading of the barometer increased from 30·03 in. at the beginning of the week to 30·27 in. by 10h. A.M. on the 2nd, and it continued at this reading till after 9h. P.M.; it then decreased to 29·53 in. by 9h. P.M. on the 5th, and increased to 29·94 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday March 15. [No. 11.

HEALTH OF LONDON DURING THE WEEK.

It is matter of regret that this Return exhibits a condition of the public health in London still more unfavourable than was reported in the previous week. The widely-diffused illness, which has become the subject of common observation, produced in the week ending last Saturday, 1401 deaths, a rate of mortality exceeding that which usually prevails at a season of the year more inauspicious than the present. The deaths rose to 1213 in the middle of February, when the weekly increase began; then having declined to 1148, they rose in the last two weeks to 1247 and 1401. The epidemic influenza of 1847–8, which quickly swelled the mortality of one week to more than 2400, had nearly disappeared in March of the latter year; but its effects were still visible in the returns, and the number of deaths was then 1118, the highest in the ten weeks (of 1841-50) which correspond to that ending last Saturday. The average of the ten corresponding weeks was only 993, or, corrected for assumed increase of population, 1083; on which the present return shows an increase of 318.

It will be seen from the table of *Fatal Causes* that the prevailing complaints are bronchitis, pneumonia, and that specifically described as "influenza;" and the following tabular statement will show the degrees in which these have increased the mortality above the average, both to aged persons, who have suffered most, and also at the earlier periods of life:—

Ages.	Deaths registered last week.	Deaths in previous week (ending 8th March).	Average of ten corresponding weeks 1841–50 (corrected for increase of population).
From birth to 15 years - -	593	570	470
„ 15 to 60 - - - -	442	374	370
„ 60 and upwards - -	365	302	242

In the return of last week the deaths are recorded of 92 persons who had turned 80 years of age; and by far the largest proportion, namely, three-fourths of the whole number, were women.

Amongst diseases bronchitis has produced the greatest number of fatal cases; 171 were attributed to this cause, the number in the previous week having been 160, or double the usual amount at this time. Phthisis or consumption carried off 166 persons last week, whilst the corrected average is 154. The deaths ascribed to pneumonia, which is chiefly fatal to children, are 123; whilst the average is about 90. Hooping-cough has risen to 92, about double the average. Influenza, which in the previous week numbered 15 deaths, has increased to 38. The cases are given in detail on the next page.

Small-pox has declined to 16; measles numbers 29; scarlatina 16; fever 52.

The following case of cholera was recorded:—

In St. Thomas' Hospital, on 12th March, a man aged 53 years, died of "Asiatic Cholera." He was a labourer at the Indigo warehouse, London Docks, and resided at 13 Wilmot's-buildings, White-street, St. George's, Borough, "to which confined neighbourhood (says the Registrar) the body was removed."

In this Return no fewer than 6 deaths are ascribed to intemperance, not cases of fatal injury received after excessive indulgence, but those in which a habit of drinking has produced apoplexy or other disease; a man of about 40 years, who was carried to the Strand Union Workhouse, had been found speechless, and died of disease of the lungs, and exhaustion from cold and want of sufficient food; and two cases are mentioned in which health was destroyed by pecuniary embarrassment. The impure air of the room in which the patient breathed is also mentioned in one instance as an accelerating cause of death.

The births of 770 boys and 763 girls, in all 1533 children, were registered in the week. The average number of six corresponding weeks in 1845–50 was 1435.

At the Royal Observatory, Greenwich, the mean reading of the barometer in the week was 29·650 in. The mean temperature of the week was 40°·5, which differs little from the average of the same week in 10 years. At Lewisham rain fell to the depth of 1·72 in. on Saturday, between the hours of midnight and 5 p.m. This fall is unusually large at any time, but particularly in March.

Deaths from Influenza registered last Week.

Paddington, 12 Cambridge-street, 10th March, widow of gentleman, 72, influenza (8 days).

Brompton, 7 Queen's-buildings, 8th March, wife of master-tailor, 73, influenza (17 days).

Hammersmith, 5 York-place, 8th March, wife of omnibus-driver, 35, (12 days), premature labour, bronchitis (10 days).

Chelsea, 6 Hemus-terrace, 9th March, spinster, 53, influenza, congestion of lungs, (3 days).

Chelsea, 3 Draycote-terrace, 8th March, widow of hatter, 79, influenza (7 days).

Hanover-square Subdistrict, at 70 Lower Grosvenor-street, 10th March, gentlewoman, 80, influenza, bronchitis.

Mayfair, 25 South-street, 6th March, widow, 76, disease of heart, (some years) influenza.

Westminster, 8 Red Lion Alms-house, 9th March, widow of publican, 70, chronic bronchitis, emphysema, influenza.

Charing Cross, 7 Blue Cross-street, 8th March, widow of blind-maker, 79, chronic bronchitis, influenza (10 days).

Cavendish-square sub-district, 9 Henrietta-street, 5th March, spinster, 81, influenza, bronchitis.

Marylebone, 53 Manchester-street, 8th March, gentleman, 75, influenza.

Marylebone Workhouse, 12th March, female servant, 70, influenza, bronchitis.

At 22 Bryanstone-square, 6th March, gentleman, 80, general debility (some years), influenza, catarrh.

Regent's Park, 8 Stanhope Terrace, 9th March, wife of gentleman, 72, influenza.

Islington, 5 Payne-street, 12th March, widow of attorney, 75, influenza (5 days).

Islington, 3 Barnsbury-street, 14th March, widow of gentleman, 92, influenza (1 week), age and decay.

Holborn district, 47 Liquorpond-street, 13th March, widow, 79, bronchitis, influenza, pneumonia, (5 days).

Pentonville, 44, Henry-street, 7th March, wife of gentleman, 84, influenza, bronchitis (5 days).

Whitechapel, 14 Swan-court, 8th March, wife of tailor, 54, influenza, gout, acute bronchitis (6 days).

Shadwell, 2 Brewer's-court, 13th March, coalwhipper, 40, influenza (10 days).

Mile End Old Town, 100 York-street, 9th March, widow of cabinet-maker, 64, asthma (many years), influenza (17 days).

Limehouse, 5 Catherine-street, 8th March, sail-maker, 63, influenza.

Limehouse, 10 Nightingale-buildings, 11th March, wife of labourer, 67, influenza.

Limehouse, 1 Catherine-terrace, 11th March, carpenter, 36, influenza, pneumonia.

Limehouse, 51 Ropemakers-fields, 14th March, wife of labourer, 34, influenza.

Bromley Mill Cottage, 10th March, son of labourer, 1, influenza (8 days).

Bermondsey. 16 Salisbury-street, 10th March, widow of labourer, 52, influenza, phthisis.

Borough-road Workhouse, widow, 65, influenza.

Walworth, 3 Trafalgar-street, 9th March, daughter of journeyman plasterer, 2, influenza, pneumonia.

Lambeth, 70 Princes-street, 6th March, shopkeeper, 69, influenza, bronchitis (6 days).

In the same house, 9th March, wife of the above, 70, chronic bronchitis, influenza (5 days).

Lambeth, 14 Hercules-buildings, 7th March, daughter of carpenter, 1, influenza (2 weeks) typhoid fever.
Brixton, 10 Church-row, 6th March, son of stationer, 1½, influenza (9 days).
Clapham, Nelson-grove, 14th March, wife of master painter, 27, influenza, pleurisy (10 days).
Camberwell Workhouse, 9th March, costermonger, 60, influenza.
Deptford, 8 Old King-street, 13th March, mariner, 29, asthma, influenza.
Greenwich, 9 Union-street, 10th March, wife of pensioner, 76, natural decay, influenza (8 days).
Charlton, Lee-road, 12th March, grocer, 23, influenza, typhus (23 days).
Lewisham, 8th March, widow of brickmaker, 54, influenza (8 days), hydrothorax.

The following selections are made from the Registrars' Reports :—

In Pancras, subdistrict of Camden Town, at Green's cottages, Agar Town, on 9th March, the son of a chairmaker, aged 11 years, died of " small-pox (18 days) unprotected, noma (5 days)." " The cottages (says Mr. Holl) consist of one room each. The neighbourhood is crowded and very damp. The family in the above house consisted, besides the parents, of five children, of whom the deceased was the eldest; some of the other children were attacked with the disorder, but having been previously vaccinated they recovered." In the same subdistrict, at 7 York-place, on 8th March, the daughter of a labourer, aged 7 years, died of " typhoid fever." " The deceased was the daughter of Irish parents, who live in a small back room, where the corpse also remained for eight days. The Registrar, on entering the room, found the window closed and the coffin-lid open." Also at 4 Cambridge-crescent, Agar Town, on 14th March, the daughter of a labourer, aged 6 years, died of " small-pox, confluent, (11 days) unprotected." " The child is supposed to have caught the infection at school. Small-pox is very prevalent in this neighbourhood."

In St. Giles-in-the-fields, South subdistrict, at 8 Parker-street, on 15th March, a boy, aged 2 weeks, died from some unknown cause. Mr. Faulkner states that " five persons besides this child, lived in a most miserable condition in a small garret without any furniture; one of the inmates being an unfortunate cripple."

In subdistrict of Haggerstone East, at 4 Brownlow-street, on 4th March, the son of a contractor, aged 15 years, died of " injured finger; irritative fever (5 days)." The deceased was a butcher's boy, and is supposed to have touched putrid meat after cutting his finger.

Mr. Butterfield, the Registrar of East Islington, states that " influenza and hooping-cough are prevalent in his subdistrict." For the first time during many years, the number of deaths registered has nearly equalled the births, the former being 24, the latter 25.

BIRTHS Registered LAST WEEK, and in the ELEVENTH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1330	1502	1435	1436	1521	1384	1435	1533
Males. . .	665	752	740	721	768	728	729	770
Females . .	665	750	695	715	753	656	706	763

DEATHS Registered LAST WEEK, and in the ELEVENTH Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		990	792	995	989	1069	902	1026	1118	1083	967	993·1	1401
Males . .		501	430	529	505	549	455	503	590	537	500	509·9	684
Females .		489	362	466	484	520	447	523	528	546	467	483·2	717
	Ages.												
Deaths at three periods of life . .	0—15	428	354	405	412	434	424	411	505	500	432	430·5	593
	15—60	329	261	330	340	403	311	344	396	345	327	338·6	442
	60 & up.	231	177	256	236	231	167	271	216	230	205	222·0	365

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851			
	46°·8	46°·4	47°·1	41°·1	29°·9	43°·6	35°·7	40°·7	45°·9	40°·9	Mean 41°·8	40°·5—Mar. 15.			
	Mar. 20	Mar. 19	Mar. 18	Mar. 16	Mar. 15	Mar. 14	Mar. 13	Mar. 18	Mar. 17	Mar. 16	Sum of 10 Weeks	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
ALL CAUSES	990	792	995	989	1069	902	1026	1118	1083	967	9931	593	442	365	1401†
SPECIFIED CAUSES	985	786	991	986	1066	899	1024	1110	1073	964	9884	590	442	365	1398†
1. Zymotic Diseases	152	115	182	177	157	164	130	289	233	149	1748	200	43	40	283
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	70	70	65	59	62	32	39	45	61	43	546	7	29	19	55
3. Tubercular Diseases	204	148	187	182	203	192	197	205	196	198	1912	77	143	13	233
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	125	103	119	139	152	114	133	130	122	126	1263	62	21	39	123†
5. Diseases of the Heart and Blood-vessels	18	19	14	30	40	39	48	28	42	42	320	3	32	18	53
6. Diseases of the Lungs, and of the other Organs of Respiration	163	144	202	166	210	137	232	176	198	182	1810	122	104	126	352
7. Diseases of the Stomach, Liver, and other Organs of Digestion	62	56	48	54	65	63	58	75	64	52	597	28	23	16	67
8. Diseases of the Kidneys, &c.	7	5	4	12	12	15	11	16	12	13	107	1	6	7	14
9. Childbirth, Diseases of the Uterus, &c.	18	7	9	18	11	12	12	4	5	9	105	1	9	..	10
10. Rheumatism, Diseases of the Bones, Joints, &c.	8	5	7	3	4	7	16	6	8	6	70	1	1	3	5
11. Diseases of the Skin, Cellular Tissue, &c.	..	..	..	..	..	5	..	2	..	2	9	2	1	..	3
12. Malformations	..	1	..	1	3	5	6	2	1	3	22	7	..	..	7
13. Premature Birth & Debility	26	20	28	16	24	22	29	15	19	16	215	35	4	..	39
14. Atrophy	9	6	10	12	11	19	21	30	22	23	163	22	1	1	24
15. Age	81	51	91	82	77	41	64	43	62	43	635	..	..	74	74
16. Sudden	14	12	8	3	6	8	10	11	3	19	94	6	8	4	18
17. Violence, Privation, Cold, and Intemperance	28	24	17	32	29	24	18	33	25	38	268	16	17	5	38
1.—Small-pox	15	3	10	21	32	6	7	23	10	3	130	15	1	..	16
Measles	6	17	18	21	23	24	5	29	12	12	167	28	1	..	29
Scarlatina	7	6	21	43	23	18	18	51	42	12	241	16	..	..	16
Hooping Cough	51	39	50	32	30	63	34	30	63	43	435	92	..	..	92
Croup	7	12	8	9	10	7	5	4	6	9	77	7	..	..	7
Thrush	1	3	2	4	3	1	1	4	1	3	23	3	..	..	3
Diarrhœa	10	6	3	3	3	4	10	19	20	17	95	10	..	2	12
Dysentery	2	3	3	3	..	..	1	3	3	1	19	1	2	2	5
Cholera	..	..	..	..	..	..	..	1	9	3	13	..	1	..	1
Influenza	27	..	3	3	1	3	..	10	1	1	49	4	10	24	38
Purpura and Scurvy	..	..	..	..	..	..	2	..	1	1	4	..	1	1	2
Ague	..	..	..	2	..	..	..	1	1	..	4	..	..	..	..
Remittent Fever	..	1	..	..	..	..	..	2	1	1	5	3	..	..	3
Infantile Fever	*	*	*	*	*	*	*	1	1	2	4	4	..	..	4
Typhus	19	22	59	28	21	29	32	73	46	27	356	15	21	7	43
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	13	6	4	23	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	1	1	..	2	..	2	..	2
Erysipelas	6	1	2	6	9	5	9	20	8	8	74	2	1	4	7
Syphilis	1	1	3	2	2	3	6	3	1	2	24	..	..	..	..
Noma (or Canker)	*	*	*	*	..	1	..	1	..	..	2	..	..	..	..
Hydrophobia	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
2.—Hæmorrhage	3	4	2	2	..	1	6	2	4	1	25	..	1	..	1
Dropsy	49	49	44	30	40	10	16	14	27	13	292	..	9	6	15
Abscess	3	6	7	4	1	3	..	2	5	1	32	2	..	..	2
Ulcer	..	..	..	2	..	1	..	2	..	1	6	..	..	2	2
Fistula	1	..	2	1	1	..	..	..	2	1	8	..	1	..	1
Mortification	6	4	3	3	6	3	5	6	4	3	43	2	..	3	5
Cancer	6	5	7	16	14	14	10	18	18	20	128	3	18	8	29
Gout	2	2	..	1	..	..	2	1	1	3	12	..	..	..	..
3.—Scrofula	5	..	5	1	1	8	5	8	7	6	46	5	3	1	9
Tabes Mesenterica	7	4	5	12	9	13	17	13	15	22	117	11	..	..	11
Phthisis (or Consumption)	153	118	145	133	166	132	130	148	140	143	1408	14	140	12	166
Hydrocephalus	39	26	32	36	27	39	45	36	34	27	341	47	..	..	47

† The age of a person who died of convulsions was not stated.

in the ELEVENTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 40°·5—Mar. 15.			
	46°·8 Mar. 20 1841	46°·4 Mar. 19 1842	47°·1 Mar. 18 1843	41°·1 Mar. 16 1844	29°·9 Mar. 15 1845	43°·6 Mar. 14 1846	35°·7 Mar. 13 1847	40°·7 Mar. 18 1848	45°·9 Mar. 17 1849	40°·9 Mar. 16 1850	Mean 41°·8 Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	13	7	11	12	9	4	10	11	13	9	99	6	3	2	11
Apoplexy	19	12	28	24	33	20	33	25	23	34	251	3	4	13	20
Paralysis	11	21	19	19	25	19	20	21	25	21	201	..	2	18	20
Delirium Tremens	1	1	2	2	2	6	2	4	1	3	24	..	..	..	..
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy	3	10	3	7	7	10	14	10	5	7	76	2	3	1	6
Tetanus	..	..	..	..	..	3	..	..	1	..	4	..	..	..	..
Insanity	2	2	..	3	2	2	3	2	..	..	16	..	4	..	4
Convulsions	64	43	51	64	62	32	38	44	46	40	484	49	1	..	51†
Disease of Brain, &c.	12	7	5	8	12	18	13	13	8	12	108	2	4	5	11
5.—Pericarditis	..	1	..	..	2	1	2	2	2	3	13	2	2	1	5
Aneurism	1	..	..	..	1	..	2	1	1	3	9	..	1	..	1
Disease of Heart, &c.	17	18	14	30	37	38	44	25	39	36	298	1	29	17	47
6.—Laryngitis	2	1	1	..	4	2	11	3	3	3	30	5	..	..	5
Bronchitis	13	18	32	28	39	39	103	81	85	79	517	26	52	93	171
Pleurisy	3	1	1	4	4	3	3	1	3	1	24	..	2	1	3
Pneumonia	84	85	101	82	101	68	65	65	86	82	819	88	23	12	123
Asthma	40	22	47	35	46	10	27	12	14	12	265	1	20	15	36
Disease of Lungs, &c.	21	17	20	17	16	15	23	14	7	5	155	2	7	5	14
7.—Teething	22	14	14	11	16	11	12	13	12	15	140	17	..	..	17
Quinsey	..	1	1	1	1	3	..	6	1	1	15	1	..	1	2
Gastritis	10	16	11	2	..	2	1	3	3	1	110	..	2	1	3
Enteritis				14	16	6	7	7	5	6		3	3	2	8
Peritonitis	2	1	..	3	2	3	5	6	4	3	29	3	3	..	6
Ascites	1	..	2	1	1	1	3	7	2	1	19	..	3	..	3
Ulceration (of Intestines)	3	2	2	1	3	5	2	2	6	1	27	..	2	..	2
Hernia	1	4	3	1	2	1	3	2	2	2	21	..	..	..	..
Ileus	2	..	..	1	1	5	2	..	1	1	13	..	2	1	3
Intussusception	..	2	..	1	..	1	..	1	3	..	8	..	..	..	..
Stricture of Intestinal Canal	..	..	..	..	1	1	1	..	3	..	6	..	..	1	1
Disease of Stomach, &c.	6	3	..	4	8	12	2	10	4	3	52	2	1	4	7
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	3	1	1	1	3	4	5	2	2	..	22	..	1	..	1
Jaundice	3	3	3	5	1	2	4	7	3	2	33	1	1	..	2
Disease of Liver	9	9	11	7	10	6	10	9	13	15	99	1	5	6	12
Disease of Spleen	..	..	..	1	..	..	1	..	..	1	3	..	..	..	..
8.—Nephritis	2	1	..	..	..	1	..	..	..	1	5	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	6	1	3	10	..	1	..	1
Ischuria	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
Diabetes	1	1	..	3	2	1	..	1	1	2	12	..	1	..	1
Stone	..	1	1	1	..	1	2	1	1	3	11	1	..	..	1
Cystitis	..	..	..	..	..	..	1	2	1	..	4	..	1	..	1
Stricture of Urethra	..	1	..	2	1	4	..	1	..	1	10	..	..	1	1
Disease of Kidneys, &c.	4	1	3	6	9	7	8	5	8	3	54	..	3	6	9
9.—Paramenia	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Ovarian Dropsy	..	..	..	3	..	2	2	..	1	1	9	..	3	..	3
Childbirth (*see* Metria)	13	6	7	9	9	7	9	3	1	3	67	..	5	..	5
Disease of Uterus, &c.	5	1	2	6	2	3	1	1	2	5	28	1	1	..	2
10.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Rheumatism	5	3	5	..	2	4	8	3	4	5	39	..	..	3	3
Disease of Joints, &c.	3	2	2	3	2	3	8	3	4	1	31	1	..	..	1
11.—Carbuncle	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Phlegmon	..	..	..	..	..	2	..	1	..	1	4	..	1	..	1
Disease of Skin, &c.	..	..	..	..	..	3	..	1	..	..	4	2	..	..	2
17.—Intemperance	1	..	..	2	..	3	1	..	1	2	10	..	6	..	6
Privation of Food	1	..	..	1	..	1	1	1	..	..	5	..	1	..	1
Want of Breast-milk	*	*	*	*	*	*	*	2	..	3	5	7	..	..	7
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	1	..	..	1
Poison	*	*	*	*	*	*	*	1	..	2	3	1	..	..	1
Burns and Scalds	*	*	*	*	*	*	*	2	5	7	14	2	..	1	3
Hanging and Suffocation	*	*	*	*	*	*	*	7	2	6	15	3	2	..	5
Drowning	*	*	*	*	*	*	*	7	9	5	21	1	2	1	4
Fractures	*	*	*	*	*	*	*	8	6	11	25	1	3	3	7
Wounds	*	*	*	*	*	*	*	3	2	1	6	..	2	..	2
Other Violence	*	*	*	*	*	*	*	2	..	1	3	..	1	..	1
All Violence	26	24	17	29	29	20	16	30	24	33	248	8	10	5	23
Causes not specified	5	6	4	3	3	3	2	8	10	3	47	3	..	..	3

† The age of a person who died of convulsions was not stated.

DEATHS Registered in the ELEVENTH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			46°·8	46°·4	47°·1	41°·1	29°·9	43°·6	35°·7	40°·7	45°·9	40°·9	Mean 41°·8	40°·5
	1831	1841	Mar. 20 1841	Mar. 19 1842	Mar. 18 1843	Mar. 16 1844	Mar. 15 1845	Mar. 14 1846	Mar. 13 1847	Mar. 18 1848	Mar. 17 1849	Mar. 16 1850	Sum of 10 Weeks.	Mar. 15 1851
LONDON	1654994	1948369	990	792	995	989	1069	902	1026	1118	1083	967	9931	1401
1–6. WEST DISTRICTS .	252761	301189	143	135	148	158	169	146	151	164	184	139	1537	220
7–11. NORTH DISTRICTS .	306185	376568	191	145	214	185	207	178	204	209	185	179	1897	293
12–19. CENTRAL DISTRICTS	355502	374199	212	158	184	189	216	148	176	207	177	187	1854	251
20–25. EAST DISTRICTS .	330736	393067	219	169	225	212	218	180	236	251	215	198	2123	281
26–36. SOUTH DISTRICTS .	409810	503346	225	185	224	245	259	250	259	287	322	264	2520	356
1. Kensington . . HL	52981	74881	24	27	44	37	30	36	37	48	66	37	386	57
2. Chelsea . . . *W*H	32371	40243	24	14	26	22	36	18	21	24	31	21	237	42
3. St.GeorgeHanover-sq.H	58209	66657	48	28	23	33	31	34	39	17	21	28	302	38
4. Westminster HHPP	48177	56802	22	30	29	30	40	33	27	50	36	30	327	41
5. St.Martin-in-the-Flds. H	23970	25132	12	16	11	14	17	13	14	10	14	11	132	18
6. St. James Westminster	37053	37457	13	20	15	22	15	12	13	15	16	12	153	24
7. Marylebone . . . H	122206	138383	80	53	81	69	70	68	101	61	65	52	700	97
8. Hampstead	8588	140078	*	*	*	*	*	*	2	7	1	5	15	2
9. Pancras . . *W*HH	103548		69	55	87	79	85	65	59	87	74	69	729	110
10. Islington . . . HP	37316	55779	25	23	22	23	32	24	20	40	28	30	267	55
11. Hackney . . . . H	34527	42328	17	14	24	14	20	21	22	14	17	23	186	29
12. St. Giles	52907	54378	32	23	28	23	32	23	30	22	26	33	272	39
13. Strand (wkh. in 9) . H	42015	43667	25	16	18	21	19	11	24	24	25	20	203	24
14. Holborn	42696	44532	24	15	17	34	25	23	21	36	23	21	239	54
15. Clerkenwell . . PP	47634	56799	33	29	29	19	27	21	33	33	28	22	274	33
16. St. Luke (wkh. in 20) L	46642	49908	21	18	23	22	26	16	20	30	19	24	219	26
17. East London . . . P.	38311	39718	22	15	21	15	21	21	20	16	18	15	184	22
18. West London *W*HPPP	28217	29188	33	20	28	37	39	18	21	21	18	26	261	25
19. City of Lon. (wkh. in 25)	57080	56007	22	22	20	18	27	15	7	25	20	26	202	28
20. Shoreditch . . *W*L	68564	83562	46	54	57	48	66	32	52	51	50	42	498	80
21. Bethnal Green . . L	62018	74209	41	21	40	38	29	33	28	46	39	35	350	44
22. Whitechapel . . . H	64141	71878	47	31	50	46	39	36	41	48	38	40	416	55
23. St. George-in-the-East .	38505	41418	31	19	26	30	28	21	29	26	15	20	245	14
24. Stepney . . . . H	72442	90838	36	28	37	30	42	46	65	64	45	36	429	60
25. Poplar . . . *W*L	25066	31179	18	16	15	20	14	12	21	16	28	25	185	28
26. St. Saviour . . H H	31711	33027	17	16	22	19	20	17	13	27	16	13	180	29
27. St. Olave . . . H H	20021	19869	22	19	14	12	31	22	15	15	35	17	202	27
28. Bermondsey	29741	35002	21	15	9	23	17	23	22	24	29	18	201	22
29. St. Geo. Southwk. LPP	39769	46718	23	30	24	24	31	25	23	30	38	22	270	32
30. Newington . . . P	44526	54693	14	13	33	22	19	28	23	26	30	28	236	38
31. Lambeth	87856	116072	64	46	52	56	51	46	66	39	58	61	539	96
32. Wandsworth . . . L	33090	39918	*	*	*	25	23	28	8	21	21	18	144	27
33. Camberwell . . LL	28231	39931	23	12	16	18	14	14	16	23	20	12	168	32
34. Rotherhithe	12875	13940	8	8	6	4	6	5	9	7	7	10	70	5
35. Greenwich . HHHP	63564	81125	33	26	48	42	47	42	60	61	58	47	464	39
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	4	14	10	18	46	9

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 9931; which divided by 10 gives 993 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1851, by adding to it an eleventh part; thus, 993 divided by 11 is nearly 90, which added to 993, makes the corrected average 1083. The corrected average for small-pox, or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 130 in 10 weeks; the average was 13; the corrected average 14. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11\cdot3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11\cdot3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
Paddington [St. Mary]	–	1	1
Kensington [Town]	–	1	1
Hammersmith [St. Paul]	1	–	1
Fulham [Fulham]	1	1	2
Chelsea [South West]	1	1	2
St. Marylebone Union [Cleveland St. W.]	1	–	1
St. George Hanover Square [May Fair]	–	2	2
Westminster [St. Margaret]	2	2	4
St. Martin-in-the-Fields [Charing Cross]	2	2	4
St. James Westminster [Golden Square]	4	–	4
Pancras [Kentish]	6	11	17
Hampstead [Hampstead Union]	–	2	2
Pancras [Camden Town]	–	2	2
Islington [West]	1	1	2
Hackney [Hackney]	–	–	–
St. Giles [Seven]	7	4	11
Holborn [St. Andrew Fort]	10	7	17
Clerkenwell [St. James]	1	3	4
East London [St. Philip]	–	3	3
East London [West London Union]	1	–	1
West London [Strand]	2	3	5
Shoreditch [Shoreditch Union]	2	1	3
St. Luke [Middle Row Town]	2	3	5
Bethnal Green [Bethnal Green]	–	–	–
St. Saviour [St. Olave Bond Street Town]	–	–	–
St. Olave [Union]	3	1	4
St. George in the East [St. John]	1	–	1
Stepney [Stepney]	–	2	2
Poplar [Poplar]	–	2	2
Hackney [Hackney Union Lower]	–	–	–
City of London [Other]	–	–	–
Islington [Islington]	–	–	–
London City [Row]	1	2	3
Poplar [Poplar]	–	–	–
St. Saviour [Charlesworth]	2	2	4
St. Olave [St. John Horsleydown]	1	2	3
Bermondsey [St. Mary Magdalen]	1	–	1
St. George Southwark [Borough Road]	1	3	4
Newington [St. Peter Walworth]	1	2	3
Lambeth [Lambeth Church Yard]	1	4	5
Lambeth [Kennington Union]	–	–	–
Lambeth Workhouse [Norwood]	–	–	–
Wandsworth [Battersea]	2	–	2
Camberwell [Camberwell]	2	–	2
Rotherhithe	–	–	–
Greenwich [East]	1	1	2
Lewisham [Lewisham]	–	–	–
St. George Southwark, for Children [Lower Road Village]	–	–	–
Total	52	69	121

HOSPITALS.	M.	F.	T.
Military and Naval Asylums :—			
Royal [Hospital Greenwich (East) Pensioners]	1	–	1
Royal [Infirm Royal Hospital, Greenwich, Boys]	–	–	–
Royal [Hospital Chelsea (South) Pensioners]	2	–	2
Royal Military Asylum Chelsea [South, Boys]	–	–	–
Total	3	–	3
General Hospitals :—			
St. George [Endsleigh]	2	1	3
Westminster [St. Margaret]	3	3	6
Charing Cross [Charing Cross]	–	2	2
Middlesex [Mortimer]	–	1	1
[Consumption] [College Tottenham Court]	–	–	–
Royal Free Hospital [Gray's Inn Lane]	–	–	–
King's College [St. Clement Danes]	1	1	2
St. Bartholomew [West London North]	3	3	6
London [Whitechapel Church]	4	–	4
Guy's [St. Olave and St. Saviour]	2	3	5
St. Thomas [St. Mary le St. Saviour]	2	4	6
Total	20	18	38
Hospitals for Special Diseases :—			
Small Pox [Islington West]	–	–	–
Fever [Islington West]	2	2	4
Lock [Paddington]	–	–	–
Consumption [Brompton]	–	–	–
Total	2	2	4

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
Queen [Charlotte's] [St. Mary]	Women	–	–	–
	Children	–	–	–
Berners [Heath, St. Giles]	Women	–	–	–
	Children	–	–	–
City of London [City Road]	Women	–	–	–
	Children	1	1	2
Hospital, Fore Road [Wandsworth]	Women	–	–	–
	Children	–	–	–
And part		–	–	–
Total		1	–	1
Lunatic Asylums, &c. :—				
Kensington House [Town]		–	–	–
Wandsworth House [Fulham]		–	–	–
Metropolitan House [Fulham]		–	–	–
Grey House [Fulham]		–	–	–
Hanwell and Brentford [Middlesex House] [Fulham]		–	–	–
Hanwell House [Chelsea, Pensioners]		–	–	–
Hanwell House [Male Passengers]		–	–	–
Islington House [West Highbury]		–	–	–
Pentonville House [North Hanover]		–	–	–
St. Luke [City Road]		2	–	2
[City] [St. Lawrence]		–	–	–
Highgate [Cholmeley] [Pancras]		–	–	–
Fulham [London Road]		–	–	–
Lunatic Asylum [Pancras]		–	–	–
Asylum [Lambeth]		–	–	–
Hanwell House [Female Passengers]		–	–	–
Bethnal [Green]		–	3	3
Peckham House [Camberwell]		–	–	–
Camberwell House [Camberwell]		2	–	2
Total		4	3	7
Military and Naval Hospitals :—				
Commissioners Quarantine Hospital [St. John, Wapping]		–	–	–
Quarantine Hospital [Hulks]		–	–	–
Royal Pavilion Quarantine Hospital [Hulks]		–	–	–
Royal Quarantine [Woolwich Dockyard]		–	–	–
Quarantine Ship [At Sheerness, Commercial Wharf]		–	–	–
Total		–	–	–
Hospitals and Asylums for Foreigners :—				
German Hospital [Hackney]		1	–	1
Portuguese Jews Hospital [Mile End Old Town Lower]		–	–	–
Total		1	–	1

PRISONS.	M.	F.	T.
Bridewell [St. Margaret, Westminster]	–	–	–
Penitentiary, Millbank [St. John, Glib]	–	–	–
Model Prison [Islington West]	–	–	–
New Prison [St. James Clerkenwell]	–	–	–
Middlesex House of Correction [Lea Bridge]	–	–	–
Jackson's Prison, Whitecross Street [Cripp]	–	–	–
Newgate [West London North]	–	–	–
Giltspur Street Compter [West London N.]	–	–	–
Bridewell [West London S.]	–	–	–
Queen's Prison [Kennington Road]	–	–	–
House of Correction [London Road]	–	–	–
Surrey County Gaol [Tooley, Bermondsey]	–	–	–
Coldbath Fields [Woodbridge Street]	–	–	–
Hospital Ship, Leith	–	–	–
Total	–	–	–

	M.	F.	T.
Workhouses	52	69	121
Military and Naval Asylums	3	–	3
General Hospitals	20	18	38
Hospitals for Special Diseases	2	2	4
Lying-in Hospitals	1	–	1
Lunatic Asylums	4	3	7
Military and Naval Hospitals	–	–	–
Hospitals and Asylums for Foreigners	1	–	1
Prisons	–	–	–
Total in Public Institutions	123	112	235

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 15th March, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
MARCH.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	9	..	29·690	48·0	29·8	40·2	30·4	..	27·0	41·4	38·0	9·8	13·9	1·0	— 1·2	S.	S.S.E.	2·0	0·0	0·2	75	0·00
MONDAY .	10	First Quarter.	29·551	41·2	35·9	38·3	35·9	42·0	29·0	41·6	38·1	2·4	7·4	1·3	— 3·2	S.S.E. & N.W.	N.W.	4·5	0·0	1·0	190	0·05
TUESDAY .	11	..	29·848	49·1	35·2	40·0	34·5	53·0	25·0	41·1	37·7	5·5	10·1	0·0	— 1·6	N. W. and N.	N. and Calm.	3·3	0·0	0·3	45	0·00
WEDNESDAY	12	Greatest Dec. N.	29·549	43·6	37·9	38·8	37·0	45·0	29·0	41·4	37·7	1·8	8·1	0·0	— 2·9	Calm and S.E.	E.S.E. & Calm.	0·0	0·0	0·0	30	0·10
THURSDAY .	13	..	29·625	51·1	38·6	43·1	37·1	54·8	27·3	41·6	38·3	6·0	11·2	1·2	1·3	S.W.	S.W.	0·0	0·0	0·0	40	0·01
FRIDAY .	14	..	29·682	52·0	39·6	44·3	38·1	58·0	28·0	42·1	38·5	6·2	13·4	0·5	+ 2·4	S.S.W.	S.S.W.	0·0	0·0	0·0	30	0·00
SATURDAY	15	..	29·604	41·8	37·1	38·8	37·0	43·0	29·0	42·1	38·7	1·8	2·9	0·0	— 3·2	E.N.E.	N. and N.N.W.	0·0	0·0	0·0	70	1·45
MEANS . .		..	29·650	46·7	36·3	40·5	35·7	49·3	27·8	41·6	38·1	4·8	9·6	0·6	— 1·2			..	..	..	Sum 480	Sum 1·61
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.	
SUNDAY . .	Positive, and tension moderate at each examination.
MONDAY . .	Nothing was shown throughout the day.
TUESDAY .	Nothing was shown throughout the day.
WEDNESDAY	Negative, and very active at noon, and at 9h. P.M.
THURSDAY .	Positive, and tension strong during the afternoon.
FRIDAY . .	Positive, and tension strong throughout the day.
SATURDAY .	Negative, and very active generally throughout the day.

GENERAL REMARKS.

The sky was generally one-half covered with cloud till near noon, and overcast during the remainder of the day; cirrostratus and scud.

The sky was overcast throughout the day; cirrostratus. Rain fell during the afternoon.

The sky was cloudless till 11h. A.M., overcast from this time until 7h. P.M., and generally clear afterwards; cirrostratus, scud, and haze.

The sky was overcast throughout the day; cirrostratus. Light rain fell generally during the day.

The sky was overcast till 10h. A.M., three-fourths covered till 5h. P.M., and generally clear afterwards.

The sky, with slight exceptions, was covered with cloud throughout the day.

The sky was overcast throughout the day. Rain to the depth of 1·45 in. fell between the hours of midnight and 5 P.M.; at Lewisham the fall amounted to 1·72 in. This fall is unusually large at any season, but more particularly in the month of March.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12. are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 40·7°; and the mean reading at 9h. P.M. was 40·3°; the mean readings at the Royal Observatory for the same times were 40·2° and 39·1° respectively.

The reading of the barometer decreased from 29·94 in. at the beginning of the week to 29·46 in. on the 20th at 9h. A.M.; increased to 29·86 in. by noon on the 11th, and continued at this reading till 8h. P.M., when it turned to decrease, and was 29·52 in. at 9h. P.M. on the 12th; it then began to increase slowly, and was 29·71 in. at 9h. A.M. on the 14th, and decreased to 29·58 in. by 3h. P.M. on the 15th, when it turned to increase.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday March 22. [No. 12.

HEALTH OF LONDON DURING THE WEEK.

The aggravated rate of mortality in London, which marked the first two weeks of the current month, has prevailed without abatement in the period embraced by the present Return. The deaths, which increased to 1247 in the beginning of March, and subsequently rose to 1401, amounted in the week ending last Saturday to 1412. Taking for comparison the ten corresponding weeks of 1841–50, it appears that the highest number was 1197, and occurred in 1845 (in a week when the mean temperature had fallen about ten degrees lower than usual), and that the average mortality was 997. This average, if corrected according to the supposed rate of increase in the population, amounts to 1088; and the increase above it exhibited in last week's return is 324.

The sickness which now prevails is common, as already shown, to all periods of life; but it deserves notice, that whereas the total mortality returned in either of the last two weeks is nearly the same, the deaths of young persons under 15 years shows a decrease from 593 (in the week ending 15th March) to 566 last week, while those which occurred in the middle period of life rose from 442 to 456, and those in the still more advanced stage (or above 60 years) rose from 365 to 390.

In the last week the deaths attributed to influenza—simply, or in conjunction with bronchitis, inflammation of the lungs, disease of the heart, or other malady—are 65; in the previous week they were 39; whilst the average of corresponding weeks does not exceed 8. The cases classed under bronchitis have decreased from 171 to 156, and are still at least double the average; those from pneumonia or inflammation of the lungs remain about 125, whilst the average does not exceed 87. The cases ascribed in the Table to asthma are 39, which is also more than usual; phthisis or consumption numbers 166 in both weeks, while the average, though corrected for increased population, is less than 150. Hooping-cough carried off 81 children, while the average number in corresponding weeks is 48; and croup 12.

Amongst the epidemics, besides hooping-cough, that are incident to childhood, measles shows some disposition to prevail; but it is satisfactory to observe that small-pox is less fatal than it was a few weeks ago, and has declined to 16 deaths. It will be seen in the notes, however, that instances of the neglect of vaccination, or of determined opposition to it, are still subject of complaint on the part of those whose professional aid is required in the treatment of the disease.

The following case of cholera was registered last week:—

In Marylebone, at 90 High-street, on 19th March, the son of a butcher, aged 2 years, died of "cholera (3 days)." Mr. Joseph, the Registrar, adds, that "the house is kept clean, and as free from smell as possible: and so far as he has been informed, there has been no illness of a similar character in the neighbourhood."

On 17th March, a boy aged 15 weeks, died of "œdema: erysipelas supervening on vaccination (a fortnight)."

On 26th February, at 14 Speedy-place, Gray's-inn-lane, a printcutter, aged 73 years, died of "want of the common necessaries of life;"—no medical attendant. (*Inquest*).

A man, who had been a general dealer, died on 17th March of "senility," at 2 Thomas-street, Whitechapel, at the age of 100 years.

Last week the births of 824 boys and 756 girls, in all 1580 children, were registered. The average of six corresponding weeks in 1845–50, was 1431.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer decreased to 28·842 in. on Saturday. The mean of the week was 29·351 in. The mean daily temperature was generally above the average, and on Thursday and Friday exceeded it by about 6 degrees. The mean of the week was 44°·9. The wind was generally in the south-west. Rain fell in the week to the depth of 1·13 inches.

Deaths from Influenza registered last Week.

Paddington, 37 Gloucester-gardens, 15th March, widow of a Lieut.-colonel, 66 years, paralysis (3 years), influenza (1 week).

Paddington, 52 Star-street, 16th March, widow of a mason, 64, morbus cordis; influenza.

Paddington, 30 Norfolk-crescent, 19th March, F. independent, 86, influenza (5 days).

Kensington, 12 Pembroke-square, 12th March, wife of a gentleman, 67, influenza, bronchitis.

Brompton, 3 Warwick-road, 13th March, widow, 84, influenza (about 4 weeks).
Hammersmith, 8 South-street, 11th March, son of a spinster, 11 months, influenza, dentition.
Chelsea, 47 Queen's-row West, 11th March, haberdasher, 72, influenza (10 days).
Chelsea, 2 Jubilee-place, 18th March, gentleman, 88, influenza (3 weeks).
St. James Westminster, 11 Panton-square, 18th March, widow of a tailor, 82, bronchitis (5 days), supervening on influenza.
Cavendish-square sub-district, 7 High-street, 14th March, son of an oilman, 7 months, influenza producing pneumonia (7 days).
Marylebone, 55 Paddington-street, 18th March, danghter of a printer, 3, influenza (14 days), congestion of lungs (6 days).
Marylebone, 11 Paradise-street, builder, 67, morbus cordis (many years) influenza (1 week).
Marylebone, 1 Gloucester Mews, 18th March, daughter of a servant, 14 weeks,influenza (2 weeks).
Marylebone Workhouse, 19th March, plasterer, 71, influenza, bronchitis.
Marylebone Workhouse, 20th March, labourer, 35, influenza, bronchitis.
Marylebone, 48 Upper Berkeley-street, 15th March, daughter of watchmaker, 6 months, influenza (14 days).
Marylebone, 21 Molyneux-street, 22nd March, widow of servant, 54, influenza, (6 weeks), biliary fever (7 days).
Marylebone, 44 Horace-street, 21st March, daughter of labourer, 13 months, influenza, pneumonia.
Marylebone, 73 Boston-place, 15th March, coachman, 66, influenza, typhoid fever.
Marylebone, 28 Earl-street West, 14th March, spinster, 78, influenza (10 days).
Pancras, 27 Tonbridge-street, 10th March, gentleman, 81, influenza (10 days), old age.
Pancras, 54 Cromer-street, 16th March, wife of baker, 37, influenza (27 days), typhus (4 days).
Islington, 10 Albion-grove, 18th March, single lady, 63, influenza (7 days), chronic bronchitis.
Islington, 6 Little Cross-street, 16th March, widow of butcher, 75, bronchitis (14 days), influenza.
Islington, 10 Queen-street, 15th March, widow of carpenter, 63, bronchitis (8 years), influenza (5 days).
Islington, 17 Gerard-street, 20th March, widow of carrier, 77, diseased heart and kidneys, influenza.
Islington, 4 Lower Queen-street, 21st March, widow of labourer, 29, bronchitis (years), influenza (1 week).
Hackney, 15 Blenheim-terrace, 15th March, wife of commercial traveller, 40, influenza; malignant pustule on the face; erysipelas (from 12th February to 15th March); exhaustion, effusion on brain.
Hackney, Well-street, 14th March, widow of nurseryman, 80, influenza (4 days).
St. Giles-in-the-fields, 11 Bloomsbury-square, 17th March, spinster, 62, chronic bronchitis, influenza.
St. Giles-in-the-fields, 22 Southampton-street, 19th March, son of librarian, 2, hooping-cough (3 weeks), influenza (1 week).
St. Giles-in-the-Fields, 17 Nottingham-court, 17th March, daughter of coffee-roaster, 4, hooping-cough, influenza.
Holborn, 13 Red Lion-passage, 21st March, daughter of bootmaker, 11 months, atrophy (2 months), dental irritation, catarrhal fever (2 weeks), convulsions (1 week).
Pentonville, 44 Henry-street, 15th March, gentleman, 82, influenza, bronchitis (14 days).
E. and W. London and City. *The particulars of 4 deaths from influenza are here omitted.*
Hoxton New Town, 9 Bevenden-street, 18th March, female, deaf and dumb, 52, influenza (6 days).
Hoxton Old Town, 24 Francis-street, 12th March, widow of sedan-chairman, 74, influenza (1 week).
Haggerstone East, 34 Great Cambridge-street, 21st March, daughter of tutor, 7, influenza (6 days), fever and exhaustion.
Hackney-road, 13 Cambridge-circus, 17th March, dray-clerk,81,influenza (5 days), bronchitis (3 days).
Spitalfields, 7 Farthing street, 17th March, daughter of a general dealer, 14 months, influenza (3 weeks).
Ratcliffe, 12 Portland-street, 15th March, widow of cooper, 71, influenza (10 days), bronchitis (6 days).
Mile-end Old Town, 46 Bedford-street, 17th March, daughter of pilot, 4 months, influenza (3 weeks), rubeola (9 days), scarlatina (5 days), convulsions (24 hours).
Mile-end Old Town, 4 Westover-street, 15th March, widow of mariner, 60, influenza (14 days).
Mile-end Old Town, 1 Brunswick-place, 21st March, canvas weaver, 85, influenza (7 days).
Poplar, 21 Mary-place, 15th March, carpenter, 38, influenza (6 days), asthma (many years).
St. Saviour, 20 Charles-street, Christchurch, 17th March, wife of a gentleman, 74, influenza (3 weeks), exhaustion.
Bermondsey, 5 Jamaica-row, 14th March, widow of mercantile clerk, 68, chronic bronchitis, influenza.
Bermondsey, 47 Richardson-street, 13th March, labourer, 76, influenza (5 days), pneumonia (2 days).
St. George Southwark, 36 Webber-row, 11th March, single woman, 66, influenza (2 weeks), bronchitis.
St. Mary Newington, 7 Salisbury-terrace, 15th March, widow of surgeon, 87, influenza, decay of nature.
St. Mary Newington, 57 Brandon-street, 15th March, widow of farmer, 62, influenza.
Lambeth, Waterloo First Part, 30 Princes-street, 18th March, wife of engineer, 58, general debility, with cough, influenza.
Lambeth, 30 Berkeley-street, Lambeth-walk, 16th March, single woman, 76, paralysis; influenza (6 days).
Lambeth, 3 Vauxhall-row, 18th March, printer, 79, general decay; influenza (1 week).

Lambeth, 5 China-place, Lambeth Walk, 17th March, wife of pewterer, 73, influenza (3 weeks).

Lambeth, 23 Caroline-street, 17th March, shipwright, 70, influenza (4 days), acute bronchitis (48 hours).

Kennington, Harleyford-road, 16th March, daughter of warehouseman, 1, influenza, pneumonia (2 weeks).

Clapham, Nelson's-road, 19th March, wife of labourer, 46, influenza, fever (5 days).

Clapham, Nelson's-road, 18th March, son of labourer, 8 months, influenza, double pleuro-peripneumonia, pericarditis.—*post-mort.*

Camberwell, 8 Wellington-street, 17th March, wheelwright, 24, influenza (1 week), pneumonia (6 days).

Woolwich, 55 Union-street, 4th March, widow, 94, influenza; typhus (3 days).

Lewisham Village, 13th March, widow of gentleman, 67, influenza (8 days), pneumonia (30 hours).

The following selections are made from the Registrars' Reports:—

In Hanover-square subdistrict, at 12 Brown-street, on 16th March, a Chelsea pensioner, aged 70, died of "typhus, coma (about a fortnight.)" The medical attendant adds, that "the stench in the kitchen, which he occupied, is intolerable; and another informant describes it as "dark, damp, and unfit for the abode of a human being."

In Pancras, subdistrict of Camden Town, at 3 Lower Union-place, on 19th March, the son of a carter, aged 11 months, died of "diarrhœa(15 days), abscesses and ulceration of neck (12 days)." "This (says Mr. Holl) is a most filthy and unhealthy neighbourhood." Pancras-place, where a child died of "measles, pneumonia (1 week)," is also mentioned as "a crowded and dirty locality."

In St. Giles-in-the-fields, South subdistrict, at 6 Lascelles-court, on 20th March, the daughter of a labourer, aged 15 months, died of "marasmus (2 months)." Mr. Faulkner reports, on the information of the mother of deceased, that "this is the fifth child that has died in the same place during the last three years, all from the same disease."

In City of London, South subdistrict, at 8 Bow Churchyard, Cheapside, the daughter of a porter, aged 6 years, died "of hooping-cough, anæmia, ulcerations of intestines (about 2 months)." Mr. Wickes states, that "this is the third child that has died in the same family since February 6; another, not expected to live, is sent to the country for change of air. The house is large, and only occupied by this family."

In Haggerstone West, at 15 Nottinghnm-place, on 16th March, the son of a ballmaker deceased, 16 months, died of "variola (3 weeks)." The medical man adds on his certificate: "More than once I requested the mother to permit her child to be vaccinated, but in vain. Three children are in the same house, the parents of whom refuse to have them vaccinated."

In Lambeth, Waterloo (2nd part), at 2 Samuel's-place, on 15th March, the daughter of a tailor, aged 1 year, died of "variola (12 days)." Mr Daws states, that "the deceased was unprotected. Several children in the family have been vaccinated, and have all escaped the disease."

Islington, East. Last week, 19 b irths were registered in this subdistrict, and 32 deaths. Of the latter 4 were caused by bronchitis, 6 by influenza and catarrh, 2 by pneumonia,3 by diarrhœa, and 1 by low fever. *Mr Butterfield's note.*

BIRTHS Registered LAST WEEK, and in the TWELFTH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1258	1349	1517	1554	1445	1462	1431	1580
Males. . .	658	684	772	782	740	769	734	824
Females . .	600	665	745	772	705	693	697	756

DEATHS Registered LAST WEEK, and in the TWELFTH Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		865	770	986	981	1197	880	1114	1099	1048	1026	996·6	1412
Males . .		424	407	512	507	610	461	547	578	505	520	507·1	669
Females .		441	363	474	474	587	419	567	521	543	506	489·5	743
Deaths at three periods of life . .	Ages.												
	0—15	371	326	420	440	477	406	430	504	481	437	429·2	566
	15—60	284	266	336	316	406	286	370	372	333	342	331·1	456
	60 & up.	210	178	226	217	312	188	311	221	232	239	233·4	390

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851			
	48°·5	40°·1	49°·7	39°·4	32°·5	39°·8	47°·1	44°·7	40°·0	37°·8	Mean 42°·0	44°·9—Mar. 22.			
	Mar. 27 1841	Mar. 26 1842	Mar. 25 1843	Mar. 23 1844	Mar. 22 1845	Mar. 21 1846	Mar. 20 1847	Mar. 25 1848	Mar. 24 1849	Mar. 23 1850	Sum of 10 Weeks	0	15	60	All Ages.
ALL CAUSES	865	770	986	981	1197	880	1114	1099	1048	1026	9966	566	456	390	1412
SPECIFIED CAUSES	864	763	978	971	1196	878	1108	1096	1046	1019	9919	564	456	390	1410
1. Zymotic Diseases	160	111	168	191	173	143	155	280	236	161	1778	209	50	62	321
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	58	60	61	66	48	32	45	53	38	34	495	4	20	23	47
3. Tubercular Diseases	162	161	182	190	226	192	202	193	174	170	1852	66	148	14	228
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	116	108	133	136	139	115	137	117	130	120	1251	58	25	51	134
5. Diseases of the Heart and Blood-vessels	23	14	22	18	49	28	41	37	41	47	320	..	33	20	53
6. Diseases of the Lungs, and of the other Organs of Respiration	128	130	145	158	234	147	230	186	179	231	1768	136	104	110	350
7. Diseases of the Stomach, Liver, and other Organs of Digestion	46	47	63	55	87	51	67	56	59	53	584	29	34	12	75
8. Diseases of the Kidneys, &c.	5	5	6	6	12	10	12	9	18	15	98	2	4	6	12
9. Childbirth, Diseases of the Uterus, &c.	9	4	10	7	13	15	18	13	11	12	112	..	8	1	9
10. Rheumatism, Diseases of the Bones, Joints, &c.	3	2	7	4	9	8	10	5	13	6	67	1	6	3	10
11. Diseases of the Skin, Cellular Tissue, &c.	..	..	..	1	1	3	4	..	1	1	11	2	1	..	3
12. Malformations	..	1	2	1	2	..	2	5	2	5	20	..	2	..	2
13. Premature Birth & Debility	22	17	35	16	27	20	33	21	26	29	246	18	..	..	18
14. Atrophy	5	11	3	7	18	12	18	27	29	18	148	22	2	1	25
15. Age	82	52	72	79	89	53	92	46	51	50	666	..	..	69	69
16. Sudden	23	21	27	13	23	6	12	14	8	31	178	6	7	11	24
17. Violence, Privation, Cold, and Intemperance	22	19	42	23	46	43	30	34	30	36	325	11	12	7	30
1.—Small-pox	22	3	5	22	28	3	9	29	11	6	138	15	1	..	16
Measles	8	16	22	27	25	15	10	27	10	23	183	32	1	..	33
Scarlatina	11	16	22	36	27	20	13	46	40	14	245	14	1	..	15
Hooping Cough	50	34	38	51	31	48	48	29	79	36	444	81	..	..	81
Croup	10	7	8	10	9	5	9	11	7	6	82	12	..	..	12
Thrush	3	2	2	4	4	3	3	5	..	1	27	2	..	..	2
Diarrhœa	1	5	6	6	8	5	11	15	15	20	92	11	3	4	18
Dysentery	..	2	3	1	4	..	7	2	1	2	22	..	..	1	1
Cholera	1	..	..	..	..	..	..	..	10	1	12	1	..	..	1
Influenza	24	1	6	4	3	4	5	16	5	2	70	14	13	38	65
Purpura and Scurvy	..	..	..	1	..	2	..	5	1	..	9	..	..	1	1
Ague	..	1	..	2	1	..	..	..	1	1	6	..	..	..	..
Remittent Fever	..	..	1	2	1	3	2	1	1	2	13	1	..	..	1
Infantile Fever	*	*	*	*	*	*	*	..	..	1	1	2	..	..	2
Typhus	25	21	49	19	24	26	33	69	40	31	337	18	19	17	54
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	6	3	5	14	..	4	..	4
Rheumatic Fever	*	*	*	*	*	*	*	1	..	2	3	1	3	..	4
Erysipelas	4	3	4	6	5	8	5	13	11	4	63	4	4	1	9
Syphilis	1	..	2	..	3	..	..	4	1	3	14	1	1	..	2
Noma (or Canker)	*	*	*	*	*	1	..	1	..	1	3	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	7	5	1	6	2	..	4	5	5	4	39	..	..	..	..
Dropsy	27	46	45	34	30	14	20	17	14	14	261	2	11	12	25
Abscess	4	2	2	1	..	..	1	4	1	1	16	1	..	..	1
Ulcer	2	..	1	..	..	..	..	..	1	1	5	..	..	2	2
Fistula	..	..	..	1	..	1	..	..	1	..	3	..	..	..	..
Mortification	9	2	1	5	6	4	8	6	3	3	47	1	..	3	4
Cancer	7	3	11	18	10	13	11	19	11	9	112	..	8	5	13
Gout	2	2	..	1	..	..	1	2	2	2	12	..	1	1	2
3.—Scrofula	1	3	1	2	4	7	5	5	6	5	39	3	6	..	9
Tabes Mesenterica	1	7	8	10	12	12	21	21	13	12	117	13	1	..	14
Phthisis (or Consumption)	129	120	136	147	169	128	142	139	116	135	1361	12	140	14	166
Hydrocephalus	31	31	37	31	41	45	34	28	39	18	335	38	1	..	39

in the Twelfth Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 44°·9—Mar. 22.			
	48°·5	40°·1	49°·7	39°·4	32°·5	39°·8	47°·1	44°·7	40°·0	37°·8	Mean 42°·0				
	Mar. 27	Mar. 26	Mar. 25	Mar. 23	Mar. 22	Mar. 21	Mar. 20	Mar. 25	Mar. 24	Mar. 23	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
4.—Cephalitis	15	11	8	5	9	6	13	5	12	10	94	15	3	1	19
Apoplexy	16	23	14	22	30	31	25	32	28	35	256	4	6	18	28
Paralysis	9	16	17	24	25	14	27	19	22	18	191	1	7	16	24
Delirium Tremens	1	..	..	1	2	..	2	1	1	..	8	..	2	..	2
Chorea	..	..	..	1	..	..	..	..	..	3	4	..	..	..	..
Epilepsy	2	4	10	6	6	8	6	5	5	7	59	1	2	2	5
Tetanus	..	..	..	1	2	..	1	..	..	..	4	..	..	..	..
Insanity	2	1	..	1	1	1	1	1	1	..	9	..	1	3	4
Convulsions	60	42	69	64	52	46	48	40	44	35	500	35	..	..	35
Disease of Brain, &c.	11	11	15	11	12	9	14	14	17	12	126	2	4	11	17
5.—Pericarditis	1	1	2	4	5	1	2	1	1	1	19	..	3	1	4
Aneurism	2	..	2	..	2	1	1	..	..	2	10	..	1	..	1
Disease of Heart, &c.	20	13	18	14	42	26	38	36	40	44	291	..	29	19	48
6.—Laryngitis	..	..	..	1	1	5	5	3	3	7	25	8	..	..	8
Bronchitis	16	17	14	34	55	42	90	76	66	99	509	31	52	73	156
Pleurisy	2	2	1	..	2	5	3	3	3	5	26	2	4	..	6
Pneumonia	75	74	85	78	89	70	77	79	78	90	795	91	22	13	126
Asthma	18	19	29	26	64	13	42	17	19	18	265	1	18	20	39
Disease of Lungs, &c.	17	18	16	19	23	12	13	8	10	12	148	3	8	4	15
7.—Teething	10	14	22	13	22	12	11	8	11	10	133	15	..	..	15
Quinsey	3	..	4	..	..	..	1	2	..	..	10	..	1	..	1
Gastritis	15	14	14	2	1	1	3	2	1	1	126	..	..	1	1
Enteritis				12	20	10	8	5	11	6		5	3	..	8
Peritonitis	2	..	1	1	2	2	5	3	6	1	23	2	3	..	5
Ascites	..	..	..	..	3	1	1	1	1	2	9	1	4	2	7
Ulceration (of Intestines)	1	1	3	1	3	3	7	3	1	4	27	..	..	..	..
Hernia	1	2	1	1	5	1	4	2	1	3	21	1	2	1	4
Ileus	4	4	..	2	5	4	3	4	1	3	30	1	4	..	5
Intussusception	..	..	..	1	..	..	2	1	1	1	6	1	..	..	1
Stricture of Intestinal Canal	..	1	..	..	..	..	1	..	..	1	3	..	..	..	..
Disease of Stomach, &c.	4	1	3	4	9	7	9	4	5	6	52	1	3	..	4
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
Hepatitis	1	1	..	1	1	1	5	4	5	5	24	..	3	..	3
Jaundice	2	1	2	6	6	2	2	..	4	3	28	2	1	1	4
Disease of Liver	3	8	13	10	10	7	5	16	11	7	90	..	10	5	15
Disease of Spleen	..	..	..	1	..	..	..	1	..	..	2	..	..	..	..
8.—Nephritis	..	2	1	..	2	..	..	..	..	..	5	1	..	..	1
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	..	4	3	7	..	1	3	4
Ischuria	..	..	1	..	..	..	..	..	..	..	1	1	..	..	1
Diabetes	2	..	..	1	..	..	..	..	1	..	4	..	..	..	..
Stone	1	..	..	1	..	1	1	1	1	1	7	..	..	..	..
Cystitis	1	1	1	..	..	..	..	1	2	1	7	..	..	..	..
Stricture of Urethra	..	..	1	1	1	1	1	1	..	2	8	..	1	1	2
Disease of Kidneys, &c.	1	2	2	3	9	8	10	6	10	8	59	..	2	2	4
9.—Paramenia	..	1	..	..	2	..	..	1	..	..	4	..	..	..	..
Ovarian Dropsy	..	..	1	..	..	2	1	2	..	4	10	..	..	..	..
Childbirth (*see* Metria)	7	1	3	3	8	7	16	5	5	5	60	..	7	..	7
Disease of Uterus, &c.	2	2	6	4	3	6	1	5	6	3	38	..	1	1	2
10.—Arthritis	..	..	..	..	..	2	..	..	..	..	2	..	..	1	1
Rheumatism	2	1	1	2	5	2	7	4	8	3	35	..	6	1	7
Disease of Joints, &c.	1	1	6	2	4	4	3	1	5	3	30	1	..	1	2
11.—Carbuncle	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Phlegmon	..	..	..	..	..	..	1	..	1	.	2	..	1	..	1
Disease of Skin, &c.	..	..	..	1	1	3	2	..	..	1	8	2	..	..	2
17.—Intemperance	..	..	..	3	2	..	..	2	3	3	13	..	..	..	..
Privation of Food	1	..	4	..	2	1	2	..	1	..	11	..	..	1	1
Want of Breast-milk	*	*	*	*	*	*	*	1	1	7	9	4	..	..	4
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	1	1	..	..	..	..
Poison	*	*	*	*	*	*	*	5	4	1	10	1	1	..	2
Burns and Scalds	*	*	*	*	*	*	*	11	6	6	23	2	1	1	4
Hanging and Suffocation	*	*	*	*	*	*	*	3	2	9	14	2	2	..	4
Drowning	*	*	*	*	*	*	*	4	4	3	11	..	1	1	2
Fractures	*	*	*	*	*	*	*	7	7	5	19	2	7	3	12
Wounds	*	*	*	*	*	*	*	1	2	1	4	..	..	..	..
Other Violence	*	*	*	*	*	*	*	..	..	..	..	..	..	1	1
All Violence	21	19	38	20	42	42	28	31	25	25	291	7	12	6	25
Causes not specified	1	7	8	10	1	2	6	3	2	7	47	2	..	..	2

DEATHS Registered in the TWELFTH WEEK of each of the following Years, with the Mean Temperatures for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			48·5°	40·1°	49·7°	39·4°	32·5°	39·3°	47·1°	44·7°	40·0°	37·8°	Mean 42°·0	44·9°
	1831	1841	Mar. 27 1841	Mar. 26 1842	Mar. 25 1843	Mar. 23 1844	Mar. 22 1845	Mar. 21 1846	Mar. 20 1847	Mar. 25 1848	Mar. 24 1849	Mar. 23 1850	Sum of 10 Weeks.	Mar. 22 1851
LONDON	1654994	1948369	865	770	986	981	1197	880	1114	1099	1048	1026	9966	1412
1–6. WEST DISTRICTS .	252761	301189	110	130	136	171	197	152	155	171	156	139	1517	236
7–11. NORTH DISTRICTS .	306185	376568	182	146	220	197	226	157	223	199	221	217	1988	282
12–19. CENTRAL DISTRICTS	355502	374199	182	121	198	176	231	149	195	197	204	179	1832	250
20–25. EAST DISTRICTS .	330736	393067	183	152	225	202	206	176	222	254	210	214	2044	265
26–36. SOUTH DISTRICTS .	409810	503346	208	221	207	235	337	246	319	278	257	277	2585	379
1. Kensington . . HL	52981	74881	29	35	30	43	39	32	45	37	43	36	369	81
2. Chelsea . . . *W* H	32371	40243	22	23	17	30	38	14	27	31	31	27	260	37
3. St.GeorgeHanover-sq.H	58209	66657	23	19	21	40	46	41	27	34	23	22	296	34
4. Westminster HHPP	48177	56802	20	32	34	30	39	34	31	35	41	21	317	54
5. St.Martin-in-the-Flds. H	23970	25132	5	6	18	11	19	16	13	16	10	13	127	9
6. St. James Westminster	37053	37457	11	15	16	17	16	15	12	18	8	20	148	21
7. Marylebone . . . H	122206	138383	66	56	71	99	87	65	72	80	83	90	769	93
8. Hampstead	8588	140078	*	*	*	*	*	*	2	4	2	5	13	4
9. Pancras . . *W* HH	103548		70	58	105	62	85	60	85	72	77	75	749	100
10. Islington . . . HP	37316	55779	23	18	23	17	38	17	45	20	32	27	260	66
11. Hackney . . . . H	34527	42328	23	14	21	19	16	15	19	23	27	20	197	19
12. St. Giles	52907	54378	25	12	36	24	32	28	31	30	23	34	275	63
13. Strand (wkh. in 9) . H	42015	43667	12	9	21	24	37	16	25	19	21	15	199	17
14. Holborn	42696	44532	20	20	27	18	27	16	31	42	26	27	254	25
15. Clerkenwell . . PP	47634	56799	31	16	24	31	39	19	29	35	29	24	277	35
16. St. Luke (wkh. in 20) L	46642	49908	28	15	17	18	24	18	28	17	33	28	226	28
17. East London . . . P.	38311	39718	23	11	21	16	23	16	11	16	25	14	176	21
18. West London *W* HPPP	28217	29188	18	24	33	23	28	21	21	19	23	20	230	27
19. City of Lon. (wkh. in 25)	57080	56007	25	14	19	22	21	15	19	19	24	17	195	34
20. Shoreditch . . *W* L	68564	83562	35	32	42	47	39	50	49	46	45	52	437	70
21. Bethnal Green . . L	62018	74209	29	25	35	32	42	28	36	34	34	24	319	37
22. Whitechapel . . . H	64141	71878	36	33	55	34	43	44	51	58	41	51	446	58
23. St. George-in-the-East .	38505	41418	22	11	34	28	29	19	19	37	30	29	258	25
24. Stepney . . . . H	72442	90838	43	37	42	48	40	23	48	63	45	38	427	45
25. Poplar . . . . *W* L	25066	31179	18	14	17	13	13	12	19	16	15	20	157	30
26. St. Saviour . . H H	31711	33027	14	15	18	20	27	16	15	18	15	18	176	27
27. St. Olave . . . H H	20021	19869	24	19	28	25	35	24	26	11	16	13	221	26
28. Bermondsey	29741	35002	15	14	15	17	15	16	24	18	29	23	186	22
29. St. Geo. Southwk. LPP	39769	46718	25	22	24	20	39	22	34	28	17	21	252	34
30. Newington . . . P	44526	54693	13	24	17	23	35	28	35	32	33	39	279	48
31. Lambeth	87856	116072	54	56	55	56	65	53	69	53	49	52	562	88
32. Wandsworth . . . L	33090	39918	*	*	*	17	24	18	17	16	16	19	127	25
33. Camberwell . . LL	28231	39931	12	15	14	15	20	22	26	25	16	19	184	28
34. Rotherhithe	12875	13940	5	4	4	8	6	7	12	3	6	9	64	11
35. Greenwich . HHHP	63564	81125	46	52	32	34	71	40	53	59	56	52	495	59
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	8	15	4	12	39	11

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 9966; which divided by 10 gives 997 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1851, by adding to it an eleventh part; thus, 997 divided by 11 is nearly 91, which added to 997, makes the corrected average 1088. The corrected average for small-pox, or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 138 in 10 weeks; the average was 14; the corrected average 15. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5{\cdot}5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary]	3	.	3
1 Kensington [Town]	1	1	2
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	1	1	2
2 *St. George Hanover Square* [*Chelsea N.W.*]	.	2	2
3 St. George Hanover Square [May Fair]	.	.	.
4 Westminster [St. Margaret]	4	2	6
5 St. Martin-in-the-Fields [Charing Cross]	.	1	1
6 St. James Westminster [Golden Square]	1	1	2
7 Marylebone [Rectory]	10	5	15
9 *Strand* [*Tottenham Court*]	2	1	3
9 Pancras [Camden Town]	6	3	9
10 Islington [West]	1	5	6
11 Hackney [Hackney]	1	.	1
12 St. Giles [South]	7	7	14
14 Holborn [St. Andrew East]	3	1	4
15 Clerkenwell [St. James]	1	3	4
17 East London [St. Botolph]	.	2	2
18 *East London* [*West London North*]	.	.	.
18 West London [North]	1	.	1
20 Shoreditch [Haggerstone West]	3	3	6
20 *St. Luke* [*Hoxton New Town*]	.	.	.
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	3	6	9
23 St. George-in the-East [St. John]	1	5	6
24 Stepney [Shadwell]	.	4	4
24 Stepney [Ratcliff]	1	.	1
24 Stepney [Mile End Old Town Lower]	.	.	.
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	1	1
25 *London City* [*Bow*]	3	1	4
25 Poplar [Poplar]	4	3	7
26 St. Saviour [Christchurch]	.	.	.
27 St. Olave [St. John Horselydown]	2	.	2
28 Bermondsey [St. Mary Magdalen]	1	1	2
29 St. George Southwark [Borough Road]	1	1	2
30 Newington [St. Peter Walworth]	.	2	2
31 Lambeth [Lambeth Church 2nd]	.	3	3
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	2	1	3
33 Camberwell [Camberwell]	.	1	1
34 Rotherhithe	.	.	.
35 Greenwich [East]	2	3	5
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	65	70	135

HOSPITALS.	M.	F.	T.
Military and Naval Asylums :—			
35 Royal Hospital Greenwich [East] Pensioners	5	.	5
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	4	.	4
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	9	.	9
General Hospitals :—			
3 St. George [Belgrave]	2	4	6
4 Westminster [St. Margaret]	2	.	2
5 Charing Cross [Charing Cross]	1	.	1
7 Middlesex [All Souls]	1	.	1
9 University College [Tottenham Court]	3	3	6
9 Royal Free Hospital [Gray's-inn-lane]	1	.	1
13 King's College [St. Clement Danes]	1	.	1
18 St. Bartholomew [West London North]	5	4	9
22 London [Whitechapel Church]	.	3	3
27 Guy's [St. Olave and St. Saviour]	8	5	13
27 St. Thomas [St. Olave & St. Saviour]	1	1	2
Total	25	20	45
Hospitals for Special Diseases :—			
10 Small Pox [Islington West]	.	.	.
10 Fever [Islington West]	1	.	1
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	.	1
Total	2	.	2

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women.	.	1	1
31 Hospital, York Road [Waterloo 2nd part] Children.	.	.	.
Total	.	1	1
Lunatic Asylums, &c. :—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	2	.	2
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	.	1
33 Peckham House [Camberwell]	.	1	1
33 Camberwell House [Camberwell]	.	1	1
Total	3	2	5
Military and Naval Hospitals :—			
4 Grenadier Guards Hospital [St. John, Westm.]	2	.	2
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	1	.	1
35 Royal Ordnance (Woolwich Arsenal)	4	.	4
36 Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	7	.	7
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	1	.	1
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	1	.	1

PRISONS.	M.	F.	T.
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.

	M.	F.	T.
Workhouses	65	70	135
Military and Naval Asylums	9	.	9
General Hospitals	25	20	45
Hospitals for Special Diseases	2	.	2
Lying-in Hospitals	.	1	1
Lunatic Asylums	3	2	5
Military and Naval Hospitals	7	.	7
Hospitals and Asylums for Foreigners	1	.	1
Prisons	.	.	.
Total in Public Institutions	112	93	205

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 22nd March, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
MARCH.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	16	Perigee.	29·720	50·0	36·9	41·6	36·1	..	28·8	42·1	38·5	5·5	6·2	1·6	— 0·5	N. W. & S.W.	N.W. & Calm.	0·0	0·0	0·0	20	0·06
MONDAY .	17	Full.	29·491	44·5	32·8	40·4	39·2	45·0	32·3	42·2	39·0	1·2	2·5	0·0	— 1·8	Calm.	E. & N.	0·0	0·0	0·0	60	0·34
TUESDAY .	18	In Equa.	29·574	52·1	37·4	43·9	41·7	54·0	35·0	42·6	39·5	2·2	7·8	0·0	+ 1·6	N. and S.S.E.	S.W.	5·0	0·0	1·0	210	0·15
WEDNESDAY	19	..	29·441	51·1	40·4	46·2	43·2	52·0	39·0	43·6	40·0	3·0	7·9	1·9	+ 3·8	S.W.	S.W.	4·0	0·0	0·6	105	0·30
THURSDAY .	20	..	29·237	58·4	42·9	48·6	42·7	70·0	34·8	45·6	41·5	5·9	10·4	3·0	+ 6·1	S.W.	S.W. and S.	2·5	0·0	0·3	95	0·07
FRIDAY .	21	..	29·157	55·9	41·4	48·2	39·9	65·0	37·0	46·8	43·0	8·3	12·8	3·5	+ 5·6	S. by E.	S.S.W.	4·3	0·0	1·0	230	0·01
SATURDAY	22	..	28·842	51·7	42·4	45·3	42·9	52·0	40·3	47·1	43·7	2·4	5·3	0·0	+ 2·6	S.	S.E.	8·5	0·0	1·6	290	0·20
MEANS . .		..	29·351	51·9	39·2	44·9	40·8	56·3	35·3	44·3	40·7	4·1	7·6	1·4	+ 2·5	S.W.		..	..	..	Sum 1010	Sum 1·13
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .
MONDAY . .
TUESDAY .
WEDNESDAY
THURSDAY .
FRIDAY . .
SATURDAY .

March 18d. 3h. negative and very active.

March 19d. 2h. 20m. until 19d. 2h. 35m. positive, and suddenly changed to negative, with frequent volleys of sparks.

The above were the only times at which electricity was shown during the week.

GENERAL REMARKS.

Three-fourths of the sky were covered during the morning; during the afternoon and evening the amount of cloud was very variable, and the sky was frequently overcast. Rain fell during the evening.

The sky was overcast. Rain fell heavily throughout the day.

The sky was overcast till 5h. 30m. P.M., and clear afterwards. Rain fell frequently during the morning and afternoon.

The sky was overcast. Rain fell almost without intermission throughout the day.

The sky was for the most part one-half covered with cloud till evening, and clear afterwards; cumuli, cumulostrati, and cirrostrati. A shower of hail fell at 2h. 20m. P.M., and frequent showers of rain at other times.

The appearance of the sky was very variable throughout the day. A shower of rain fell near noon, and rain fell heavily at night.

The sky was overcast throughout the day. Heavy squalls of wind and rain occurred. The wind increased to a gale towards midnight, & the reading of the barometer decreased considerably.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 47·6°; and the mean reading at 9h. P.M. was 45·5°; the mean readings at the Royal Observatory for the same times were 45·8° and 44·8° respectively.

The reading of the barometer increased from 29·64 in. at the beginning of the week to 29·73 in. by 10h. A.M. on the 16th; decreased to 29·42 in. by 3h. P.M. on the 17th; increased to 29·68 in. by 9h. A.M. on the 17th; decreased to 29·00 in. by 9h. A.M. on the 22d; and still further decreased to 28·49 in. by 1h. A.M. on the 23rd, when it turned to increase.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday March 29. [No. 13.

HEALTH OF LONDON DURING THE WEEK.

The deaths registered in the Metropolitan districts in the first three weeks of March were successively 1247, 1401, and 1412; and in the last week they were 1418. If the ten weeks of 1841–50 corresponding to last week are taken for comparison, it appears that the lowest number occurred in the corresponding week of 1842, and was 832; and that the highest occurred in that of 1848, and was 1294. The average of the ten weeks was 1073, which, if corrected according to the assumed rate of increase in the population, namely 1·55 per cent. annually, becomes 1171. Last week's return, therefore, exhibits an excess, on the estimated amount, of 247.

But it is satisfactory to observe that this apparent increase is not due entirely to the complaints which have recently swelled the weekly contributions of mortality. A number of cases, on which Coroners' Inquests had been held, have been allowed to accumulate for some weeks, and now, at the end of the quarter, appear for the first time in the Register-books. It will be seen, on inspecting the Table, that the class of casualties on which the Coroner's function is chiefly exercised, namely, hanging and drowning, fatal burns, fractures, wounds, and poison, comprises 129 cases, though in the previous week the number was only 25, and the average falls short by at least two-thirds of the number now returned. Intemperance is recorded as the cause of death in four cases, besides three in which fatal injury was received in a state of intoxication; 4 persons died of privation, 7 children from want of breast milk, 3 persons from cold (2 of these being cases of exposure in travelling), 7 from poison, 26 from burns and scalds, 23 from hanging and suffocation, 14 from drowning, 42 from fractures, and 17 from wounds and other injury. Sixty-six cases also fell under the Coroner's observation in which persons are reported as having been "found dead," or having died "from the visitation of God," the fatal cause not being described in more sufficient terms, probably because it could not be ascertained.

The class of diseases affecting the respiratory organs, including laryngitis, bronchitis, pleurisy, pneumonia, asthma, and others less accurately defined, numbers this week 272, whilst the corrected average does not exceed 195. There is, however, a marked decline on the previous week, when the deaths in this class were 350. Bronchitis has fallen from 156 in the former week to 109 in the last; pneumonia from 126 to 117. Hooping-cough has declined from 81 to 63; influenza from 65 to 37. Phthisis (or consumption), which was fatal in the previous week to 166, numbered last week only 129, which is rather less than the average amount.

Small-pox continues to grow less fatal, and only 12 cases were registered last week from this disease. With the exception of hooping-cough, measles now appears most prevalent amongst the complaints peculiar to children, though it has not risen to any considerable amount.

The births of 947 boys and 833 girls, in all 1780 children, were registered in the week. The average of 6 corresponding weeks in the years 1845–50 was 1510.

At the Royal Observatory, Greenwich, the mean height of the barometer was 29·388 in. The mean temperature was 46°·3, which is about 3 degrees above the average of the same week in 10 years. The daily mean rose toward the end of the week. The wind blew generally from the south-west.

Deaths from Influenza registered last Week.

Paddington, 24th March, wife of a gentleman, 49, chronic bronchitis (many years), influenza (14 days), diarrhœa (4 days).

Kensington, 16 Lower Phillimore-place, 21st March, spinster, 77, influenza, bronchitis.

Chelsea, 23 Beaufort-street, 23rd March, widow of a gentleman, 88, influenza.

Chelsea, Colville-terrace, 17th March, builder, 67, influenza (2 weeks), bronchitis (1 week).

Chelsea, 7 Symons-street, 18th March, wife of an army pensioner, 81, influenza (2 weeks).

Hanover-square sub-district, 6 Hanover-place, 21st March, wife of a journeyman taylor, 42, influenza.

Hanover-square sub-district, 4 Lancashire-court, 24th March, widow of a valet, 73, influenza.

Westminster, 5 Princes-street, 21st March, spinster, 77, influenza, bronchitis.

Charing-cross Hospital, 29th March, widow, 64, influenza.

Marylebone, 18 Buckingham-place, wife of a chairmaker, 70, influenza (4 days),

Marylebone Workhouse, 28th March, widow, 72, influenza, bronchitis.

Marylebone, 7 Upper Gloucester-place, 21st March, widow of a copper-merchant, 81, influenza (7 days).

Marylebone, 9 Stafford-street, Lisson-grove, 18th March, widow of a corn-factor, 69, influenza, bronchitis (3 days).

Marylebone, 7 Dorset-place, 22nd March, spinster, 52, influenza, bronchitis (14 days).

Marylebone, Upper Baker-street, 21st March, wife of a major in the army, 58, influenza (2 weeks).

Marylebone, 17 Wilton-place, 25th March, widow of a purser, 59, bronchitis (3 months), influenza (14 days).

Pancras, Cumberland-terrace, 20th March, a baronet, 79, chronic bronchitis (several years), influenza (14 days).

Pancras, 3 Spring-row, 21st March, wife of a carpenter, 48, influenza (14 days).

Pancras, Camden Town, 22nd March, gentleman, 78, inflammation of prostate and bladder, with retention of urine (5 months), influenza (2 weeks).

Bloomsbury, 17th March, gentleman, 72, influenza (5 weeks), paralysis of left side (4 days).

St. Botolph's, 13 Bishopsgate-street Without, 24th March, spinster, 84, chronic bronchitis (many years) influenza (about 10 days).

City of London, 51 Newgate-street, 22nd March, grocer, 57, influenza (8 days), pleuro-pneumonia, asthenica.

Spitalfields, 7 Farthing-street, 24th March, daughter of a general dealer, 1 year, influenza, (3 weeks).

Whitechapel, 4 Little Prescot-street, 19th March, wife of a warehouseman, 58, influenza, typhoid fever (6 days), paralysis agitans (long time).

Bermondsey, 2 Charles-street, 20th March, daughter of a hoop-bender, 17, influenza (1 week), typhoid fever (2 weeks).

Bermondsey, 55 Baalzephon-street, 23rd March, custom-house officer, 74, injuries from having been run over (a long time ago), influenza.

Southwark, 39 Borough-road, 18th March, widow of a journeyman cooper, 84, influenza, old age.

South Lambeth, 9 Dorset-street, 14th March, daughter of a commercial traveller, 16, phthisis (3 years), influenza (4 days).

Lambeth, 35 Clapham-road-place, 27th March, daughter of a clerk in the Record Office, 10 months, hooping-cough (5 months), influenza, hæmorrhage from the lungs.

Brixton, 13 Elizabeth-place, 22nd March, builder, 51, bronchitis (several years), influenza (10 days).

Clapham, 4 Polygon-buildings, 19th March, dairyman, 58, influenza (8 days), gout (6 days), inflammation of lungs (8 days).

Clapham Old Town, 26th March, daughter of a master tailor, 10 months, influenza (5 days), fits (2 days).

Peckham, 7 Orchard, 23rd March, F., 68, influenza (3 weeks), pneumonia (5 days).

Peckham, 1 Smith-street, 26th March, blacksmith, 44, influenza on a broken constitution (2 weeks).

Camberwell, 1 Lovegrove-street, Old Kent-road, 23rd March, daughter of a boiler-maker, 1, influenza (3 weeks).

Woolwich, 155 Powis-street, 25th March, widow of a surgeon, 83, paralysis (7 years), influenza, exhaustion (14 days).

Sydenham, F., 14 weeks, influenza, bronchitis (12 days).

The following were registered in the previous week (ending 22nd March):—

St. Botolph, Bishopgate Workhouse, 18th March, widow of a coach-trimmer, 67, influenza (3 weeks), extreme prostration (an inmate several years).

West London North, George-yard, Snow-hill, 21st March, wife of entry clerk, 53, influenza, typhus fever.

St. Olave, Guy's Hospital, from Red Lion-passage, Hoxton Old Town, 19th March, charity-school girl, 15, malignant disease of abdomen (9 months), influenza (3 weeks).

The following selections are made from the Registrars' Reports:—

In Camden Town sub-district, at 6 Ashley-street, on 23rd March, the daughter of a labourer, aged 1 year, died of "diarrhœa, hooping-cough (7 days), convulsions (24 hours). "This (says Mr Holl) is a most crowded and dirty neighbourhood." At 3 Norfolk-street, in the same sub-district, on 26th March, the son of a bricklayer, aged 1 year, died of "measles, pneumonia (7 or 8 days)." This locality is also described as "poor, crowded, and dirty." In Brewer's-street, where another child died of measles, this disorder is stated to be very prevalent.

In Clerkenwell, Goswell-street sub-district, at 14 Brunswick-street, on 20th March, the son of a carman, aged 9 months, died of "pertussis (2 months), pneumonia (20 days)." Mr. Burrows mentions that "the deceased was the brother of two girls whose deaths were recorded in last week's return. All the children lay dead in the house at the same time, and the death of a fourth was daily expected."

BIRTHS Registered LAST WEEK, and in the THIRTEENTH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1540	1412	1376	1681	1621	1431	1510	1780
Males. . .	803	718	691	836	799	711	760	947
Females . .	737	694	685	845	822	720	750	833

DEATHS Registered LAST WEEK, and in the THIRTEENTH Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		884	832	946	1080	1188	1065	1029	1294	1241	1167	1072·6	1418
Males . .		453	410	461	558	624	551	484	650	616	600	540·7	754
Females .		431	422	485	522	564	514	545	644	625	567	531·9	664
	Ages.												
Deaths at three periods of life . .	0—15	376	361	397	472	496	488	408	582	608	483	467·1	638
	15—60	304	300	336	367	433	347	374	458	383	404	370·6	465
	60 & up.	200	170	212	231	257	229	247	253	250	277	232·6	313

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Jan. 4.	Jan. 11.	Jan. 18.	Jan. 25.	Feb. 1.	Feb. 8.	Feb. 15.	Feb. 22.	Mar. 1.	Mar. 8.	Mar. 15.	Mar. 22.	Mar. 29.
BIRTHS	1592	1580	1599	1523	1537	1604	1576	1567	1591	1580	1533	1580	1780
DEATHS	1369	1023	1037	956	1041	1109	1036	1213	1148	1247	1401	1412	1418
DEATHS (except from Violence) . . .	1257	1009	1020	932	1029	1074	1006	1187	1125	1242	1378	1387	1289
Deaths (except from Violence) at 60 years and upwards . .	308	229	214	187	230	240	204	296	255	302	360	384	295
Scarlatina	14	16	19	17	16	15	20	9	19	20	16	15	10
Typhus	48	35	35	41	48	34	43	35	31	36	43	54	38
Diarrhœa & Dysentery	20	16	16	21	29	18	19	18	22	16	17	19	22
Cholera	1	..	1	..	..	..	..	..	..	2	1	1	1
Mean Temperature .	47°·1	42°·2	45°·0	40°·1	41°·1	40°·5	39°·6	42°·5	37°·6	39°·4	40°·5	44°·9	46°·3

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851			
	45°·9	46°·7	44°·5	46°·4	46°·8	43°·0	46°·4	51°·2	40°·2	35°·9	Mean 44°·7	46°·3—Mar. 29.			
	Apr. 3	Apr. 2	Apr. 1	Mar. 30	Mar. 29	Mar. 28	Mar. 27	Apr. 1	Mar. 31	Mar. 30	Sum of 10 Weeks	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
ALL CAUSES	884	832	946	1080	1188	1065	1029	1294	1241	1167	10726	638	465	313	1418†
SPECIFIED CAUSES	877	815	939	1066	1182	1060	1027	1293	1237	1165	10661	638	465	313	1418†
1. Zymotic Diseases	156	126	160	208	196	172	123	289	268	182	1880	171	43	31	245
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	65	64	67	52	63	69	43	52	63	57	595	1	24	17	42
3. Tubercular Diseases	193	192	182	193	214	197	180	223	186	165	1925	75	115	5	195
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	101	98	116	152	155	114	140	151	147	127	1301	71	55	41	167
5. Diseases of the Heart and Blood-vessels	18	20	30	27	47	30	37	49	41	54	353	3	31	19	53
6. Diseases of the Lungs, and of the other Organs of Respiration	126	102	164	144	220	180	210	191	197	252	1786	127	77	68	272
7. Diseases of the Stomach, Liver, and other Organs of Digestion	48	45	63	51	68	60	72	61	64	69	601	35	16	14	65
8. Diseases of the Kidneys, &c.	4	11	3	8	7	7	12	15	11	9	87	..	2	5	7
9. Childbirth, Diseases of the Uterus, &c.	9	9	14	8	12	14	24	6	13	9	118	..	9	..	9
10. Rheumatism, Diseases of the Bones, Joints, &c.	7	3	4	9	6	8	7	8	10	9	71	3	5	5	13
11. Diseases of the Skin, Cellular Tissue, &c.	..	..	1	..	..	4	..	1	3	1	10	..	1	..	1
12. Malformations	1	..	1	4	3	4	3	3	5	..	24	4	..	..	4
13. Premature Birth & Debility	22	20	27	12	13	30	23	24	26	22	219	39	3	..	42
14. Atrophy	6	5	2	13	20	32	15	26	28	22	169	25	..	..	25
15. Age	68	53	58	60	84	57	57	45	43	37	562	..	..	65	65
16. Sudden	25	29	22	51	23	25	16	53	50	52	346	28	15	22	66†
17. Violence, Privation, Cold, and Intemperance	28	38	25	74	51	57	65	96	82	98	614	56	69	21	147†
1.—Small-pox	17	3	8	18	32	7	8	23	12	8	136	11	1	..	12
Measles	8	23	17	25	30	21	3	21	19	19	186	35	..	..	35
Scarlatina	12	8	22	35	30	8	11	47	56	15	244	10	..	..	10
Hooping Cough	54	49	37	44	37	67	32	37	83	44	484	63	..	..	63
Croup	10	9	6	12	7	10	3	7	5	8	77	9	..	..	9
Thrush	2	..	5	5	5	4	..	3	4	1	29	2	..	..	2
Diarrhœa	5	2	9	10	12	7	14	15	19	12	105	14	2	4	20
Dysentery	1	1	3	3	1	2	1	3	2	6	23	1	..	1	2
Cholera	..	..	..	..	1	..	..	1	4	..	6	..	1	..	1
Influenza	21	3	2	9	3	1	2	8	1	7	57	5	13	19	37
Purpura and Scurvy	..	1	1	..	1	..	2	2	2	1	10	..	..	..	..
Ague	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
Remittent Fever	1	..	..	..	..	2	1	1	2	1	8	2	..	..	2
Infantile Fever	*	*	*	*	*	*	*	6	..	1	7	..	..	..	..
Typhus	19	19	46	39	31	36	34	75	36	39	374	14	19	5	38
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	17	11	3	31	..	2	..	2
Rheumatic Fever	*	*	*	*	*	*	*	1	..	3	4	..	..	1	1
Erysipelas	6	5	3	6	5	3	11	17	8	9	73	3	5	1	9
Syphilis	..	3	..	2	1	2	1	3	3	4	19	1	..	..	1
Noma (or Canker)	*	*	*	*	..	2	..	2	1	1	6	1	..	..	1
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	8	2	2	7	5	1	4	5	9	9	52	..	3	..	3
Dropsy	37	39	43	32	39	27	22	18	22	24	303	..	3	11	14
Abscess	6	4	2	2	1	..	2	1	4	2	24	1	1	..	2
Ulcer	..	..	..	1	1	5	..	1	..	..	8	..	2	..	2
Fistula	1	..	..	..	..	1	..	..	..	..	2	..	1	..	1
Mortification	5	5	5	4	5	7	3	10	7	2	53	..	2	1	3
Cancer	6	11	14	5	11	26	12	16	20	18	139	..	12	5	17
Gout	2	3	1	1	1	2	..	1	1	2	14	..	..	..	..
3.—Scrofula	2	1	..	2	4	10	6	11	8	11	55	7	1	..	8
Tabes Mesenterica	8	3	9	8	4	13	14	18	11	7	95	19	..	..	19
Phthisis (or Consumption)	147	146	146	142	164	136	129	149	136	115	1410	11	113	5	129
Hydrocephalus	36	42	27	41	42	38	31	45	31	32	365	38	1	..	39

† The ages of two persons, whose deaths are reckoned respectively under the heads of "drowning" and "sudden," are not stated.

in the THIRTEENTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 46°·3—Mar. 29.			
	45°·9	46°·7	44°·5	46°·4	46°·8	43°·0	46°·4	51°·2	40°·2	35°·9	Mean 44°·7				
	Apr. 3 1841	Apr. 2 1842	Apr. 1 1843	Mar. 30 1844	Mar. 29 1845	Mar. 28 1846	Mar. 27 1847	Apr. 1 1848	Mar. 31 1849	Mar. 30 1850	Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	7	13	12	12	9	12	18	10	14	9	116	8	1	1	10
Apoplexy	19	16	10	20	32	25	27	44	23	31	247	3	15	14	32
Paralysis	9	10	21	27	34	18	21	19	25	26	210	..	18	21	39
Delirium Tremens	2	1	2	1	..	3	4	2	1	..	16	..	3	1	4
Chorea	..	..	..	1	..	..	..	2	..	1	4	..	..	..	..
Epilepsy	5	3	2	8	4	6	10	5	11	10	64	..	7	1	8
Tetanus	2	..	..	..	..	2	..	1	1	1	7	..	1	..	1
Insanity	1	1	1	5	3	1	1	1	2	1	17	..	2	1	3
Convulsions	50	42	52	64	63	35	50	55	57	37	505	57	..	..	57
Disease of Brain, &c.	6	12	16	14	10	12	9	12	13	11	115	3	8	2	13
5.—Pericarditis	1	..	..	1	2	1	1	2	1	4	13	..	2	..	2
Aneurism	1	..	1	1	3	1	1	2	3	5	18	..	3	..	3
Disease of Heart, &c.	16	20	29	25	42	28	35	45	37	45	322	3	26	19	48
6.—Laryngitis	..	..	2	..	2	3	8	1	6	4	26	5	..	..	5
Bronchitis	13	9	17	28	48	56	84	66	79	113	513	33	32	44	109
Pleurisy	2	1	3	2	2	2	5	3	7	3	30	..	9	1	10
Pneumonia	60	58	94	70	104	81	72	91	78	88	796	88	18	11	117
Asthma	33	23	33	28	43	20	23	21	17	29	270	..	11	10	21
Disease of Lungs, &c.	18	11	15	16	21	18	18	9	10	15	151	1	7	2	10
7.—Teething	19	17	18	12	19	10	9	11	17	13	145	21	..	..	21
Quinsey	..	..	1	3	3	..	2	1	3	2	15	1	1	..	2
Gastritis	6	11	15	..	1	3	1	1	4	2	108	..	2	1	3
Enteritis				10	13	6	7	10	4	14		3	2	..	5
Peritonitis	..	..	4	1	6	7	8	4	5	4	39	1	1	..	2
Ascites	1	..	3	1	..	1	4	2	2	3	17	..	..	1	1
Ulceration (of Intestines)	3	1	2	1	2	3	3	2	2	2	21	..	..	1	1
Hernia	..	3	1	1	..	2	3	2	2	5	19	1	..	4	5
Ileus	4	..	6	6	3	3	3	3	4	4	36	2	..	1	3
Intussusception	..	..	1	..	1	..	1	1	3	1	8	1	1	..	2
Stricture of Intestinal Canal	1	1	..	1	..	1	..	..	..	3	7	..	..	1	1
Disease of Stomach, &c.	4	3	..	6	3	4	8	9	5	1	43	4	1	1	6
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	..	1	..	..	2	4	2	4	3	3	19	..	3	..	3
Jaundice	2	2	7	1	4	3	5	2	1	4	31	..	1	..	1
Disease of Liver	8	6	5	8	11	13	16	9	8	8	92	1	4	4	9
Disease of Spleen	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
8.—Nephritis	..	1	..	..	..	..	1	3	2	1	8	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	4	..	2	6	..	1	..	1
Ischuria	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
Diabetes	..	..	..	..	1	..	..	1	1	..	3	..	..	1	1
Stone	..	1	..	..	..	..	..	..	1	..	2	..	..	..	..
Cystitis	..	1	..	1	..	..	1	2	..	..	5	..	1	1	2
Stricture of Urethra	..	1	1	1	..	1	2	..	1	1	8	..	..	..	..
Disease of Kidneys, &c.	4	7	2	5	6	6	8	5	6	5	54	..	..	3	3
9.—Paramenia	..	..	..	..	1	1	..	..	..	..	2	..	1	..	1
Ovarian Dropsy	..	2	3	..	..	2	..	1	2	..	10	..	1	..	1
Childbirth (*see* Metria)	6	7	10	7	10	9	20	2	5	6	82	..	5	..	5
Disease of Uterus, &c.	3	..	1	1	1	2	4	3	6	3	24	..	2	..	2
10.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	1	..	3	5	3	6	2	2	6	4	32	..	4	4	8
Disease of Joints, &c.	6	3	1	4	3	2	5	6	4	5	39	3	1	1	5
11.—Carbuncle	..	..	..	..	..	1	..	..	1	..	2	..	..	..	..
Phlegmon	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Disease of Skin, &c.	..	..	1	..	..	3	..	1	2	..	7	..	1	..	1
17.—Intemperance	..	..	..	1	1	4	..	2	2	3	13	..	4	..	4
Privation of Food	1	1	1	2	..	1	1	4	6	1	18	1	1	2	4
Want of Breast-milk	*	*	*	*	*	*	*	4	6	3	13	7	..	..	7
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	1	..	1	2	..	1	3
Poison	*	*	*	*	*	*	*	5	1	8	14	1	6	..	7
Burns and Scalds	*	*	*	*	*	*	*	14	9	21	44	19	4	3	26
Hanging and Suffocation	*	*	*	*	*	*	*	13	10	11	34	13	7	3	23
Drowning	*	*	*	*	*	*	*	6	11	9	26	1	12	..	14†
Fractures	*	*	*	*	*	*	*	40	28	34	102	9	24	9	42
Wounds	*	*	*	*	*	*	*	5	7	6	18	1	9	3	13
Other Violence	*	*	*	*	*	*	*	3	1	2	6	2	2	..	4
All Violence	27	37	24	71	50	52	64	86	67	91	569	46	64	18	29†
Causes not specified	7	17	7	14	6	5	2	1	4	2	65	..	..	..	..

† The ages of two persons, whose deaths are reckoned respectively under the heads of "drowning" and "sudden," are not stated.

DEATHS Registered in the THIRTEENTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			45°·9	46°·7	44°·5	46°·4	46°·8	43°·0	46°·4	51°·2	40°·2	35°·9	Mean 44°·7	46°·3
			Apr. 3	Apr. 2	Apr. 1	Mar. 30	Mar. 29	Mar. 28	Mar. 27	Apr. 1	Mar. 31	Mar. 30	Sum of 10 Weeks.	Mar. 29
	1831	1841	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1654994	1948369	884	832	946	1080	1188	1065	1029	1294	1241	1167	10726	1418
1–6. WEST DISTRICTS .	252761	301189	132	131	143	149	184	149	157	186	157	150	1538	202
7–11. NORTH DISTRICTS .	306185	376568	161	179	168	199	220	219	199	232	219	216	2012	289
12–19. CENTRAL DISTRICTS	355502	374199	164	177	209	168	226	166	183	214	255	225	1987	231
20–25. EAST DISTRICTS .	330736	393067	192	154	194	227	259	228	226	316	294	256	2346	299
26–36. SOUTH DISTRICTS .	409810	503346	235	191	232	337	299	303	264	346	316	320	2843	397
1. Kensington . . HL	52981	74881	30	32	31	34	36	39	39	43	34	38	356	37
2. Chelsea . . . *W*H	32371	40243	15	13	20	17	22	22	30	29	29	25	222	29
3. St.GeorgeHanover-sq.H	58209	66657	40	24	33	42	30	33	34	42	38	31	347	56
4. Westminster HHPP	48177	56802	21	28	29	25	47	26	34	40	30	25	305	50
5. St.Martin-in-the-Flds. H	23970	25132	8	13	17	10	16	9	5	12	11	15	116	16
6. St. James Westminster	37053	37457	18	21	13	21	33	20	15	20	15	16	192	14
7. Marylebone . . . H	122206	138383	66	76	70	93	77	86	79	92	81	65	785	144
8. Hampstead	8588	140078	*	*	*	*	*	*	1	2	5	7	15	9
9. Pancras . . *W*HH	103548		62	69	65	65	78	81	65	84	77	74	720	72
10. Islington . . . HP	37316	55779	17	19	18	25	33	26	24	33	32	45	272	42
11. Hackney . . . . H	34527	42328	16	15	15	16	32	26	30	21	24	25	220	22
12. St. Giles	52907	54378	25	27	37	23	33	18	29	34	58	36	320	32
13. Strand (wkh. in 9) . H	42015	43667	13	10	22	19	21	25	17	22	36	33	218	17
14. Holborn	42696	44532	21	14	20	26	21	17	21	16	34	25	215	21
15. Clerkenwell . . PP	47634	56799	29	33	26	24	27	37	24	25	30	28	283	27
16. St. Luke (wkh. in 20) L	46642	49908	20	23	27	15	32	18	16	23	20	27	221	31
17. East London . . . P.	38311	39718	17	26	25	17	22	18	29	29	27	20	230	41
18. West London *W*HPPP	28217	29188	18	29	32	20	37	18	25	33	31	27	270	40
19. City of Lon. (wkh. in 25)	57080	56007	21	15	20	24	33	15	22	32	19	29	230	22
20. Shoreditch . . *W*L	68564	83562	36	35	51	51	59	48	40	61	56	34	471	54
21. Bethnal Green . . L	62018	74209	33	30	31	36	45	43	29	56	64	38	405	57
22. Whitechapel . . . H	64141	71878	48	35	32	52	58	64	68	80	59	73	569	76
23. St. George-in-the-East .	38505	41418	21	17	24	32	26	21	31	29	27	25	253	30
24. Stepney . . . . H	72442	90838	37	28	41	44	51	30	45	66	59	64	465	60
25. Poplar . . . *W*L	25066	31179	17	9	15	12	20	22	13	24	29	22	183	22
26. St. Saviour . . H H	31711	33027	17	15	24	29	19	18	17	31	21	24	215	24
27. St. Olave . . . H H	20021	19869	18	13	15	21	23	19	13	17	28	20	187	18
28. Bermondsey	29741	35002	18	14	11	17	29	27	18	19	23	18	194	29
29. St. Geo. Southwk. LPP	39769	46718	19	26	22	25	32	28	27	30	25	30	264	24
30. Newington . . . P	44526	54693	25	17	33	23	30	39	16	33	26	33	275	44
31. Lambeth	87856	116072	48	33	66	44	66	56	71	57	58	71	570	87
32. Wandsworth . . . L	33090	39918	*	*	*	11	36	26	20	37	24	27	181	23
33. Camberwell . . LL	28231	39931	12	14	12	18	20	26	16	13	18	28	177	23
34. Rotherhithe	12875	13940	3	11	5	8	11	9	3	9	3	7	69	9
35. Greenwich . HHHP	63564	81125	75	48	44	141	33	55	58	88	73	53	668	90
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	5	12	17	9	43	26

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 10726; which divided by 10 gives 1073 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1851, by adding to it an eleventh part; thus, 1073 divided by 11 is nearly 98, which added to 1073, makes the corrected average 1171. The corrected average for small-pox, or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 136 in 10 weeks; the average was 14; the corrected average 15. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5{\cdot}5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	1	1
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	2	.	2
2 *St. George Hanover Square [Chelsea N.W.]*	.	1	1
3 St. George Hanover Square [May Fair]	1	1	2
4 Westminster [St. Margaret]	1	3	4
5 St. Martin-in-the-Fields [Charing Cross]	1	3	4
6 St. James Westminster [Golden Square]	.	2	2
7 Marylebone [Rectory]	8	6	14
9 *Strand [Tottenham Court]*	2	.	2
9 Pancras [Camden Town]	.	1	1
10 Islington [West]	1	1	2
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	2	7	9
14 Holborn [St. Andrew East]	2	.	2
15 Clerkenwell [St. James]	2	2	4
17 East London [St. Botolph]	2	2	4
18 *East London [West London North]*	5	.	5
18 West London [North]	1	1	2
20 Shoreditch [Haggerstone West]	2	1	3
20 *St. Luke [Hoxton New Town]*	3	1	4
21 Bethnal Green [The Green]	4	9	13
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	7	4	11
23 St. George-in-the-East [St. John]	1	1	2
24 Stepney [Shadwell]	.	1	1
24 Stepney [Ratcliff]	.	3	3
24 Stepney [Mile End Old Town Lower]	1	.	1
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	.	.	.
25 Poplar [Poplar]	.	.	.
26 St. Saviour [Christchurch]	4	.	4
27 St. Olave [St. John Horselydown]	1	.	1
28 Bermondsey [St. Mary Magdalen]	1	1	2
29 St. George Southwark [Borough Road]	.	.	.
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2nd]	4	5	9
31 Dronet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	.	1	1
33 Camberwell [Camberwell]	.	.	.
34 Rotherhithe	.	.	.
35 Greenwich [East]	5	4	9
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	63	62	125

HOSPITALS.			
Military and Naval Asylums :—			
35 Royal Hospital Greenwich [East] Pensioners	4	.	4
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	.	.	.
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	4	.	4
General Hospitals :—			
3 St. George [Belgrave]	9	7	16
4 Westminster [St. Margaret]	2	1	3
5 Charing Cross [Charing Cross]	2	1	3
7 Middlesex [All Souls]	6	5	11
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	1	.	1
13 King's College [St. Clement Danes]	3	.	3
18 St. Bartholomew [West London North]	11	8	19
22 London [Whitechapel Church]	8	6	14
27 Guy's [St. Olave and St. Saviour]	1	1	2
27 St. Thomas [St. Olave & St. Saviour]	1	1	2
Total	44	30	74
Hospitals for Special Diseases :—			
10 Small Pox [Islington West]	1	.	1
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	1	1
Total	1	1	2

HOSPITALS—*continued.*		M.	F.	T.
Lying in Hospitals :—				
7 Queen Charlotte's [St. Mary]	Women.	.	.	.
	Children.	.	.	.
12 British [South, St. Giles]	Women.	.	.	.
	Children.	1	.	1
16 City of London [City Road]	Women.	.	.	.
	Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]	Women.	.	1	1
	Children.	.	.	.
Total		1	1	2
Lunatic Asylums, &c. :—				
1 Kensington House [Town]		1	.	1
1 Normand House [Fulham]		.	.	.
1 Munster House [Fulham]		.	.	.
1 Otto House [Fulham]		.	.	.
1 Sussex and Brandenburgh House [Fulham]		.	.	.
2 Blacklands House [Chelsea, North-east]		.	.	.
11 Northumb. House [Stoke Newington]		.	.	.
11 Whitmore House [West Hackney]		.	.	.
11 Pembroke House [South Hackney]		.	.	.
16 St. Luke [City Road]		.	.	.
20 Miles' [St. Leonard]		1	.	1
21 Warburton's [Bethnal Green]		10	.	10
25 Lunatic Asylum [Bow]		.	.	.
29 Bethlem [London Road]		.	.	.
31 Lunatic Asylum [Brixton]		.	.	.
32 Retreat [Clapham]		.	.	.
32 York House [Battersea]		.	.	.
32 New County [Wandsworth]		2	3	5
33 Peckham House [Camberwell]		.	.	.
33 Camberwell House [Camberwell]		.	1	1
Total		14	4	18
Military and Naval Hospitals :—				
4 Grenadier Guards Hospital [St. John, Westm.]		2	.	2
4 Coldstream Guards Hospital [ditto]		1	.	1
4 Scots Fusilier Guards Hospital [ditto]		1	.	1
35 Royal Ordnance (Woolwich Arsenal)		.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)		4	.	4
Total		8	.	8
Hospitals and Asylums for Foreigners :—				
11 German Hospital [Hackney]		.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]		.	.	.
Total		.	.	.

PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	4	.	4
10 Model Prison [Islington West]	.	.	.
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	3	.	3
Total	7	.	7

	M.	F.	T.
Workhouses	63	62	125
Military and Naval Asylums	4	.	4
General Hospitals	44	30	74
Hospitals for Special Diseases	1	1	2
Lying-in Hospitals	1	1	2
Lunatic Asylums	14	4	18
Military and Naval Hospitals	8	.	8
Hospitals and Asylums for Foreigners	.	.	.
Prisons	7	.	7
Total in Public Institutions	142	98	240

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 29th March, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
March.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday .	23	..	28·966	51·0	39·6	45·5	40·0	..	35·3	46·8	43·5	5·5	11·7	2·5	+ 2·7	S.W.	S.W. and S.	9·6	0·0	2·0	135	0·30
Monday .	24	Last Quarter Greatest	29·375	49·4	41·4	44·7	41·0	50·0	33·0	46·6	43·5	3·7	7·5	0·7	+ 1·8	S.W.	W.	0·0	0·0	0·0	65	0·03
Tuesday .	25	Dec. S.	29·598	50·9	38·0	45·0	41·4	52·0	43·0	46·8	43·5	3·6	7·1	1·3	+ 2·0	S.W.	S.W. and S.	0·0	0·0	0·0	125	0·02
Wednesday	26	..	29·338	52·4	39·6	44·7	42·5	53·0	33·0	46·8	43·5	2·2	6·0	1·1	+ 1·5	S.W.	S.W.	6·0	0·0	1·6	235	0·27
Thursday .	27	..	29·419	56·1	37·8	47·7	43·3	58·0	40·0	46·6	43·5	3·0	7·3	4·4	+ 4·4	S.W.	W.S.W	7·3	0·0	1·7	275	0·02
Friday .	28	Apogee	29·646	56·8	44·1	49·0	36·5	59·0	37·0	47·6	44·1	12·5	16·4	7·8	+ 5·6	W.S.W.	W. and S.W.	3·6	0·0	1·3	165	0·00
Saturday	29	..	29·371	54·0	41·9	47·5	42·7	55·0	32·0	49·1	45·3	4·8	13·8	0·4	+ 3·9	S.W.	W.S.W	7·2	0·0	1·3	245	0·20
Means . .		..	29·388	52·9	40·3	46·3	41·1	54·5	36·2	47·2	43·8	5·0	10·0	2·6	+ 3·1	S.W.		..	..	..	Sum 1245	Sum 0·84
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

Electricity.

Sunday . .	March 29d. 0h. 30m. negative and active, sparks were abundant for a short time, and galvanic currents were shown. This was the only time electricity was shown during the week.
Monday . .	
Tuesday .	
Wednesday	
Thursday .	
Friday . .	
Saturday .	

General Remarks.

The sky was overcast throughout the day. Rain fell frequently.

The sky was overcast throughout the day. Rain fell during the afternoon.

The sky was overcast throughout the day. Rain fell occasionally.

The sky was overcast during the morning and afternoon; it was generally clear at night. Rain fell during the morning and afternoon.

The amount of cloud was small till near noon; the sky was overcast from this time till near 8h. P.M., and mostly clear afterwards. Rain fell occasionally.

Three-fourths of the sky were covered during the morning and afternoon; the sky was clear at night.

The sky was for the most part covered with cloud throughout the day. There were occasional showers of hail and rain.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12. are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 50·0°; and the mean reading at 9h. P.M. was 46·2°; the mean readings at the Royal Observatory for the same times were 48·8° and 44·9° respectively.

The reading of the barometer increased from 28·49 in. at 1h. A.M. on the 23rd to 29·66 by 9h. A.M. on the 25th; decreased to 29·29 in. by noon on the 26th; increased to 29·68 in. by 9h. P.M. on the 28th; decreased to 29·33 in. by 3h. P.M. on the 29th; and increased to 29·41 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, April 5. [No. 14.

HEALTH OF LONDON DURING THE WEEK.

The last week has witnessed a great improvement in the public health. The deaths in the Metropolitan districts, which had ranged above 1400 in the last three weeks of March, fell in the week ending last Saturday to 1059. But this is still a high rate of mortality, not only as compared with what prevails in country districts, under conditions more favourable to health, but also with that which the population of London usually suffer at this period of the year. In none of the ten corresponding weeks of 1841–50, with the exception of that of 1850, did the number of deaths exceed 1028, while the average of these weeks was 946, which, if a correction be made for increase of population, will become 1032. Compared with the latter estimated result, the deaths registered last week show an increase of 27.

A decrease in the mortality from complaints which have lately been prevalent, is now perceptible. The zymotic or epidemic class of diseases, which comprises hooping-cough and influenza, with nineteen other forms of malady, has declined from 245 deaths, which it numbered in the previous week, to 180 in the last; the class of diseases of the respiratory organs, from 272 in the preceding week to 220 in the present return. The tubercular class, which includes scrofula, tabes mesenterica, phthisis or consumption, and hydrocephalus, has remained nearly the same in the two weeks; while complaints of the digestive organs show precisely the same amount.

Last week 95 persons died of bronchitis, 81 of pneumonia, 24 of asthma, only the first of these diseases showing more than the usual fatality; 59 children died of hooping-cough, which is more than the average of corresponding weeks. The cases in which the fatal cause is specified as influenza, have now sensibly decreased; the number in this return is 23.

The progress and decline of influenza during the last six weeks may be traced in the deaths registered, which were successively 8, 15, 38, 65, 37, and 23. The fatal effects of "diseases of the respiratory organs" (phthisis not being included in this category) may also be traced during the same period in the following weekly numbers:—281, 321, 352, 350, 272, and 220.

Small-pox has further declined, and last week the deaths of only 7 children and 2 adults are ascribed to it; measles also exhibits a more favourable result; and only 6 fatal cases of scarlatina are recorded.

In the sub-district of Gray's-inn-lane, at 15 James-street, the son of a labourer, aged 16 months, died, according to the certificate of the medical attendant, from "dentition and debility from breathing impure air in a kitchen."

In the sub-district of St. Andrew Eastern, at 6 Vine-street, on the 29th March, a watch-

finisher died, in the terms of the medical certificate, from " senile decay," and his age is stated to be 105 years.

Last week the births of 808 boys and 752 girls, in all 1560 children, were registered. The average of 6 corresponding weeks in 1845–50 was 1333.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer was above 30 in. on Monday, and Tuesday. The mean of the week was 29·907 in. The mean temperature was 43°·5, which is about the average of the same week in 10 years. The mean daily temperature varied little during the week, but it fell to 39°·5 on Saturday, which is 5 degrees below the average. The direction of the wind varied from south-west and west to north during the first four days, and was chiefly north-east during the remainder.

Deaths from Influenza registered last Week.

Paddington, 11 White Lion-place, 26th March, accountant, 47, phthisis (12 months), influenza (6 days).

Brompton, Thurloe-square, 30th March, gentleman, 72, influenza.

Brompton, wife of a major in the army, unattached, 57, influenza (1 week), morbus cordis.

Westminster, 17 New Peter-street, 39th March, wife of leather-dresser, 56, influenza (5 days).

Marylebone, 3rd April, lieutenant-general, 85, effusion into the lungs from an attack of influenza (18 days).

Marylebone, 13 Henry-street, 30th March, son of labourer, 13 months, influenza (7 days).

St. Pancras University College Hospital, 21st March, labourer from Guildford, 38, diabetes mellitus, phthisis, influenza.—*post mort.*

Pancras, 10 Warren-street, 31st March, porter, 31, phthisis, influenza (1 week).

Pancras, 1 Petty's-court, 28th March, widow of shoemaker, 65, influenza, chronic bronchitis (14 days).

Camden Town, 1 Little Camden-street, 26th March, bricklayer, 29, diabetes (2 years), influenza (10 days).

Kentish Town, 1 Blandford-place, 26th March, bricklayer, 61, influenza (10 days), bronchitis (1 week).

Hackney, 9 Clapton-square, 29th March, spinster, 85, influenza (2 days), exhaustion (4 days).

St. Anne, Westminster, 2 George-yard, 30th March, daughter of fringe-maker, 16 months, teething (3 or 4 months), influenza (7 days).

East London, Cripplegate, 3 Britannia-court, 30th March, son of labourer, deceased, 1, influenza (4 weeks), pneumonia (4 days).

London, South-west, 29 Fetter-lane, 29th March, wife of dressing-case maker, 66, influenza.

City of London, South-east, Langbourn Chambers, Fenchurch-street, 26th March, daughter of mercantile clerk, 2, influenza (2 weeks), bronchitis.

Haggerstone West, 9 Reeves'-place, 31st March, son of cabinet-maker, 16, dilatation of heart, influenza (3 weeks).

Shadwell, 17 High-street, 27th March, wife of soda-water maker, 62, influenza (3 days.)

St. Saviour, 13 Bennett-street, 5th April, daughter of bookbinder, 3 months, influenza, pneumonia.

Lambeth, 9 Esher street, 30th March, wife of gentleman, 67, influenza, with low fever (5 days).

Kennington, 2 Thomas-street, 2nd April, coachman, 67, influenza (12 days).

Peckham, 3 New Cottages, Rye-lane, 17th March, widow of coachman, 70, influenza and bronchitis (1 week).

Rotherhithe, 17 Spread Eagle-court, 29th March, son of Irish labourer, 1, influenza, produced by exposure to cold in a deck passage from Ireland to London (no medical aid).

Greenwich, 4 Queen's-court, 29th March, tanner, 54, influenza (9 days), pneumonia.

The following selections are made from the Registrars' Reports:—

Charing-cross sub-district, Mr. Leonard observes that " the untrapped gully-holes at the sides of the foot pavement throughout this district are in a very offensive state, and at the east side of Whitehall, near Whitehall-place, were pouring forth immense quantities of carburetted hydrogen gas early in the week."

In St. Giles-in-the-fields, south sub-district, at 4 Pitt's-place, on 31st March, the daughter of a clogmaker, aged 3 years, died of " small-pox (7 days)." Mr. Faulkner, the registrar, states that " there are six children in the same family now ill with small-pox, and none of them have been vaccinated on account of prejudice entertained against it by the parents, in consequence of one of the children having suffered severely from vaccination when young."

BIRTHS Registered LAST WEEK, and in the FOURTEENTH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1326	1448	1313	1340	1225	1343	1333	1560*
Males. . .	675	748	662	654	647	697	681	808
Females . .	651	700	651	686	578	646	652	752

DEATHS Registered LAST WEEK, and in the FOURTEENTH Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		780	791	855	923	950	1028	1004	1008	994	1124	945·7	1059*
Males . .		402	400	444	475	453	521	520	525	507	560	480·7	571
Females .		378	391	411	448	497	507	484	483	487	564	465·0	479
	Ages.												
Deaths at three periods of life . .	0—15	354	360	380	444	416	465	388	501	466	466	424·0	468
	15—60	269	284	293	286	314	350	363	312	327	355	315·3	340
	60 & up.	156	145	181	184	218	213	252	172	201	301	202·3	230

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

* The Returns of Mr. Seagrave, Registrar of Trinity, Newington, and Mr. Archer, of the sub-district of Whitecross-street, have not been received. Averages derived from the previous returns of 6 weeks, namely, 17 births and 13 deaths for the former, and 11 births and 6 deaths for the latter, are substituted. In the Table of Diseases, the 19 deaths are placed to *Causes not Specified*.

BIRTHS and DEATHS registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Jan. 11.	Jan. 18.	Jan. 25.	Feb. 1.	Feb. 8.	Feb. 15.	Feb. 22.	Mar. 1.	Mar. 8.	Mar. 15.	Mar. 22.	Mar. 29.	Apr. 5.
BIRTHS	1580	1599	1523	1537	1604	1576	1567	1591	1580	1533	1580	1780	1560
DEATHS	1023	1037	956	1041	1109	1036	1213	1148	1247	1401	1412	1418	1059
DEATHS (except from Violence) . . .	1009	1020	932	1029	1074	1006	1187	1125	1242	1378	1387	1289	1036
Deaths (except from Violence) at 60 years and upwards . .	229	214	187	230	240	204	296	255	302	360	384	295	226
Scarlatina	16	19	17	16	15	20	9	19	20	16	15	10	6
Typhus	35	35	41	48	34	43	35	31	36	43	54	38	32
Diarrhœa & Dysentery	16	16	21	29	18	19	18	22	16	17	19	22	14
Cholera	..	1	..	..	..	..	..	..	2	1	1	1	..
Mean Temperature .	42°·2	45°·0	40°·1	41°·1	40°·5	39°·6	42°·5	37°·6	39°·4	40°·5	44°·9	46°·3	43°·5

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child-birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," or "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite the above heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 43°·5—Apr. 5.			
	43°·7	40°·4	50°·4	49°·8	44°·4	46°·1	37°·6	51°·1	45°·7	49°·6	Mean 45°·9				
	Apr. 10	Apr. 9	Apr. 8	Apr. 6	Apr. 5	Apr. 4	Apr. 3	Apr. 8	Apr. 7	Apr. 6	Sum of 10 Weeks	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
ALL CAUSES	780	791	855	923	950	1028	1004	1008	994	1124	9457	468	340	230	1059†
SPECIFIED CAUSES	775	787	851	911	943	1026	1001	983	991	1123	9391	467	339	230	1038†
1. Zymotic Diseases	150	109	176	195	132	169	109	239	221	158	1658	130	27	23	180
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	52	65	53	52	58	36	37	43	38	54	488	3	21	23	47
3. Tubercular Diseases	180	168	169	172	162	183	160	193	196	186	1769	75	125	7	207
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	86	103	119	127	131	143	152	106	111	162	1240	49	38	36	123
5. Diseases of the Heart and Blood-vessels	20	24	20	39	41	30	55	26	39	37	331	2	26	7	35
6. Diseases of the Lungs, and of the other Organs of Respiration	108	134	116	125	170	189	178	176	202	253	1651	108	47	65	220
7. Diseases of the Stomach, Liver, and other Organs of Digestion	43	48	46	48	57	75	65	53	59	63	557	33	20	12	65
8. Diseases of the Kidneys, &c.	4	3	6	11	11	13	10	14	10	11	93	..	9	4	13
9. Childbirth, Diseases of the Uterus, &c.	10	5	4	12	13	14	11	7	7	9	92	..	3	..	3
10. Rheumatism, Diseases of the Bones, Joints, &c.	5	3	7	7	7	13	13	8	6	11	80	2	1	1	4
11. Diseases of the Skin, Cellular Tissue, &c.	2	1	..	..	1	1	1	2	3	2	13	1	1	..	2
12. Malformations	1	..	..	2	2	1	2	4	5	6	23	1	..	..	1
13. Premature Birth & Debility	27	20	18	19	18	36	28	21	24	31	242	20	1	..	21
14. Atrophy	6	7	4	14	12	18	25	21	22	26	155	32	..	1	33
15. Age	45	58	83	54	62	42	58	34	33	62	531	..	..	42	42
16. Sudden	12	18	6	9	31	19	37	8	4	17	161	3	3	5	11
17. Violence, Privation, Cold, and Intemperance	24	21	24	25	35	44	60	28	11	35	307	8	17	4	31†
1.—Small-pox	23	1	9	21	29	17	8	18	9	4	139	7	2	..	9
Measles	5	17	20	22	17	22	5	29	36	16	189	23	..	..	23
Scarlatina	11	5	21	35	11	16	7	36	39	17	198	6	..	..	6
Hooping Cough	53	36	48	46	35	59	33	43	54	27	434	59	..	..	59
Croup	11	13	7	13	7	5	3	11	10	5	85	2	..	..	2
Thrush	5	2	3	3	1	4	1	2	4	1	26	1	..	..	1
Diarrhœa	5	5	5	2	6	4	16	10	8	15	76	6	2	3	11
Dysentery	1	..	2	2	1	3	2	1	4	..	16	2	1	..	3
Cholera	..	..	1	1	..	..	1	..	5	2	10	..	..	..	..
Influenza	13	3	1	4	1	1	4	6	1	8	42	6	7	10	23
Purpura and Scurvy	..	..	..	..	..	..	2	..	1	1	4	..	..	..	..
Ague	..	..	1	..	1	..	..	2	1	..	5	..	..	..	..
Remittent Fever	1	..	..	..	..	2	1	1	..	4	9	1	1	..	2
Infantile Fever	*	*	*	*	*	*	*	..	2	..	2	..	..	..	..
Typhus	16	20	55	38	19	28	18	60	38	34	326	14	9	9	32
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	4	3	3	10	..	2	..	2
Rheumatic Fever	*	*	*	*	*	*	*	..	..	1	1	..	..	..	..
Erysipelas	6	5	3	8	3	6	7	12	3	15	68	2	2	1	5
Syphilis	..	2	..	..	1	2	1	3	3	5	17	1	1	..	2
Noma (or Canker)	*	*	*	*	..	..	..	1	..	..	1	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	1	4	3	5	3	3	9	3	3	2	36	1	2	1	4
Dropsy	29	43	29	29	30	11	14	16	13	28	242	1	4	11	16
Abscess	1	4	8	2	1	1	..	1	2	1	21	1	1	..	2
Ulcer	1	..	..	..	..	1	1	..	3	..	6	..	..	..	..
Fistula	..	..	..	..	..	2	..	..	..	2	4	..	1	..	1
Mortification	6	1	3	1	5	2	3	6	3	2	32	..	..	3	3
Cancer	9	12	10	13	16	13	9	17	13	19	131	..	13	6	19
Gout	5	1	..	2	3	3	1	..	1	..	16	..	..	2	2
3.—Scrofula	1	2	2	3	1	6	5	7	6	7	40	5	2	..	7
Tabes Mesenterica	2	4	9	9	7	14	15	14	14	14	102	10	..	..	10
Phthisis (or Consumption)	139	127	123	121	120	124	115	126	146	134	1275	20	122	7	149
Hydrocephalus	38	35	35	39	34	39	25	46	30	31	352	40	1	..	41

† The ages of two persons, one having been drowned and the other suffocated, are not stated.

in the FOURTEENTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.										Mean	1851 43°·5—Apr. 5.			
	43°·7	40°·4	50°·4	49°·8	44°·4	46°·1	37°·6	51°·1	45°·7	49°·6	45°·9				
	Apr. 10	Apr. 9	Apr. 8	Apr. 6	Apr. 5	Apr. 4	Apr. 3	Apr. 8	Apr. 7	Apr. 6	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
4.—Cephalitis	5	15	20	14	18	15	21	9	18	15	150	8	3	2	13
Apoplexy	16	17	16	22	24	37	31	19	28	38	248	6	9	13	28
Paralysis	5	15	14	16	13	18	20	16	20	33	170	..	9	14	23
Delirium Tremens	1	..	2	2	1	..	2	2	..	4	14	..	3	..	3
Chorea	..	..	..	..	..	..	..	..	..	1	1	1	..	..	1
Epilepsy	3	2	3	6	6	8	11	3	3	3	48	1	4	2	7
Tetanus	..	..	..	..	2	1	1	1	..	2	7	1	..	..	1
Insanity	..	1	..	..	1	1	10	1	2	4	20	..	..	1	1
Convulsions	47	47	51	52	57	51	44	49	30	42	470	32	2	..	34
Disease of Brain, &c.	9	6	13	15	9	12	12	6	10	20	112	..	8	4	12
5.—Pericarditis	..	..	..	1	3	1	2	3	2	..	12	1	..	2	3
Aneurism	..	2	..	1	2	..	1	..	4	1	11	..	1	..	1
Disease of Heart, &c.	20	22	20	37	36	29	52	23	33	36	308	1	25	5	31
6.—Laryngitis	1	2	..	1	3	5	4	7	3	7	33	5	..	..	5
Bronchitis	18	12	13	24	31	55	73	60	79	119	484	37	20	38	95
Pleurisy	4	3	..	2	..	4	4	4	3	6	30	1	..	1	2
Pneumonia	53	84	68	61	86	90	57	83	87	86	755	60	15	6	81
Asthma	17	23	16	20	23	26	25	14	17	23	204	..	7	17	24
Disease of Lungs, &c.	15	10	19	17	27	9	15	8	13	12	145	5	5	3	13
7.—Teething	15	16	11	15	17	11	13	12	8	9	127	22	..	..	22
Quinsey	..	..	1	2	4	..	3	..	..	6	16	..	..	..	..
Gastritis, Enteritis	12	12	9	2 / 10	2 / 7	2 / 6	2 / 7	1 / 4	1 / 4	3 / 8	92	.. / 4	.. / ..	1 / ..	1 / 4
Peritonitis	3	1	1	..	3	6	4	6	5	5	34	1	..	..	1
Ascites	1	1	1	..	..	1	5	1	1	3	14	1	..	2	3
Ulceration (of Intestines)	2	1	1	1	1	7	1	1	3	..	18	..	2	..	2
Hernia	1	3	1	3	2	2	5	5	3	4	29	..	1	..	1
Ileus	3	4	5	1	3	2	5	4	2	5	34	..	1	1	2
Intussusception	..	..	1	..	..	3	1	2	1	..	8	..	..	..	..
Stricture of Intestinal Canal	..	..	..	..	..	..	..	..	1	1	2	..	1	..	1
Disease of Stomach, &c.	1	4	4	4	6	13	5	4	6	3	50	1	2	1	4
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	..	1	..	2	5	5	2	7	2	25	..	2	2	4
Jaundice	1	3	5	..	..	5	1	2	6	2	25	1	2	..	3
Disease of Liver	2	3	5	10	10	11	8	9	11	12	81	3	9	5	17
Disease of Spleen	1	..	..	..	..	1	..	..	..	..	2	..	..	..	..
8.—Nephritis	..	1	..	3	1	3	..	1	..	..	9	..	2	..	2
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	2	4	3	9	..	2	1	3
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diabetes	..	..	..	1	1	1	..	..	2	..	5	..	1	..	1
Stone	1	..	2	..	1	2	1	..	..	..	7	..	..	..	..
Cystitis	1	..	..	1	..	1	..	1	1	1	6	..	..	..	..
Stricture of Urethra	..	..	..	..	..	1	2	1	..	..	4	..	..	..	..
Disease of Kidneys, &c.	2	2	4	6	8	5	7	9	3	7	53	..	4	3	7
9.—Paramenia	..	..	..	..	..	..	..	..	..	.	..	..	..	..	..
Ovarian Dropsy	..	..	..	..	..	2	..	..	1	1	4	..	..	..	..
Childbirth (*see* Metria)	5	3	4	10	10	6	7	4	1	6	56	..	2	..	2
Disease of Uterus, &c.	5	2	..	2	3	6	4	3	5	2	32	..	1	..	1
10.—Arthritis	2	..	..	..	..	..	1	..	..	..	3	..	..	..	..
Rheumatism	1	1	3	2	3	6	9	5	4	6	40	1	..	1	2
Disease of Joints, &c.	2	2	4	5	4	7	3	3	2	5	37	1	1	..	2
11.—Carbuncle	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Phlegmon	..	..	..	..	1	..	..	1	1	1	4	..	1	..	1
Disease of Skin, &c.	2	1	..	..	..	1	1	1	2	1	9	1	..	..	1
17.—Intemperance	1	..	..	..	..	3	4	..	1	1	10	..	2	..	2
Privation of Food	..	..	..	..	..	1	1	..	..	..	2	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	..	2	4	6	4	..	..	4
Neglect	*	*	*	*	*	*	*	1	..	..	1	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	1	1	..	..	..	..
Poison	*	*	*	*	*	*	*	5	1	..	6	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	4	..	5	9	1	..	1	2
Hanging and Suffocation	*	*	*	*	*	*	*	2	1	8	11	1	3	..	5†
Drowning	*	*	*	*	*	*	*	8	4	6	18	2	3	..	6†
Fractures	*	*	*	*	*	*	*	5	1	7	13	..	7	3	10
Wounds	*	*	*	*	*	*	*	3	..	3	3	..	2	..	2
Other Violence	*	*	*	*	*	*	*	..	1	..	1	..	..	..	..
All Violence	23	21	24	25	35	40	55	27	8	29	287	4	15	4	23
Causes not specified	5	4	4	12	7	2	3	25	3	1	66	1	1	..	21‡

† The ages of two persons, one having been drowned and the other suffocated, are not stated.

‡ See note page 107.

DEATHS Registered in the FOURTEENTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			43°·7	40°·4	50°·4	49°·8	44°·4	46°·1	37°·6	51°·1	45°·7	49°·6	Mean 45°·9	43°·5
			Apr. 10	Apr. 9	Apr. 8	Apr. 6	Apr. 5	Apr. 4	Apr. 3	Apr. 8	Apr. 7	Apr. 6	Sum of 10 Weeks.	Apr. 5
	1831	1841	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1654994	1948369	780	791	855	923	950	1028	1004	1008	994	1124	9457	1059
1–6. WEST DISTRICTS .	252761	301189	105	126	144	134	129	144	139	165	163	182	1431	151
7–11. NORTH DISTRICTS .	306185	376568	132	139	156	179	216	217	186	186	192	210	1813	226
12–19. CENTRAL DISTRICTS	355502	374199	159	132	180	174	169	188	175	170	173	187	1707	195
20–25. EAST DISTRICTS .	330736	393067	183	197	190	200	193	209	227	210	176	224	2009	214
26–36. SOUTH DISTRICTS .	409810	503346	201	197	185	236	243	270	277	277	290	321	2497	273
1. Kensington . . HL	52981	74881	18	28	27	28	24	24	29	38	52	56	324	37
2. Chelsea . . . *W* H	32371	40243	21	9	18	27	19	25	24	39	23	25	230	23
3. St.GeorgeHanover-sq.H	58209	66657	27	32	30	30	28	30	35	31	20	18	281	29
4. Westminster HHPP	48177	56802	21	27	27	22	31	39	32	33	43	40	315	34
5. St.Martin-in-the-Flds. H	23970	25132	4	18	23	15	16	10	7	11	17	24	145	13
6. St. James Westminster	37053	37457	14	12	19	12	11	16	12	13	8	19	136	15
7. Marylebone . . . H	122206	138383	42	61	61	61	87	85	67	61	59	73	657	74
8. Hampstead	8588	140078	*	*	*	*	*	*	3	3	4	4	14	5
9. Pancras . . *W* HH	103548		59	47	67	84	87	83	64	75	73	66	705	86
10. Islington . . . HP	37316	55779	24	21	14	20	26	31	30	30	36	40	272	32
11. Hackney . . . . H	34527	42328	7	10	14	14	16	18	22	17	20	27	165	29
12. St. Giles	52907	54378	17	17	24	17	23	30	25	26	27	19	225	25
13. Strand (wkh. in 9) . H	42015	43667	15	13	21	24	16	16	31	13	15	22	186	21
14. Holborn	42696	44532	18	16	14	18	17	24	17	21	26	20	191	16
15. Clerkenwell . . PP	47634	56799	20	21	26	30	28	35	16	25	29	30	260	34
16. St. Luke (wkh. in 20) L	46642	49908	24	18	21	19	22	17	22	12	20	24	199	24
17. East London . . . P.	38311	39718	20	14	21	23	26	14	29	28	15	21	211	21
18. West London *W* HPPP	28217	29188	21	19	36	21	16	31	14	23	20	31	232	25
19. City of Lon. (wkh. in 25)	57080	56007	24	14	17	22	21	21	21	22	21	20	203	29
20. Shoreditch . . *W* L	68564	83562	50	37	38	48	42	37	38	49	39	48	426	43
21. Bethnal Green . . L	62018	74209	21	30	34	30	31	28	32	34	31	42	313	31
22. Whitechapel . . . H	64141	71878	52	40	41	35	39	39	47	46	35	40	414	50
23. St. George-in-the-East .	38505	41418	13	28	22	30	14	26	25	27	19	30	234	21
24. Stepney . . . . H	72442	90838	35	46	44	38	44	63	56	39	41	49	455	46
25. Poplar . . . *W* L	25066	31179	12	16	11	19	23	16	29	15	11	15	167	23
26. St. Saviour . . H H	31711	33027	21	16	22	18	22	15	17	28	33	24	216	22
27. St. Olave . . . H H	20021	19869	19	31	9	21	12	14	20	24	21	17	188	21
28. Bermondsey	29741	35002	15	11	16	18	21	19	23	17	19	19	178	22
29. St. Geo. Southwk. LPP	39769	46718	25	24	14	14	24	33	32	19	20	19	224	19
30. Newington . . . P	44526	54693	22	22	12	28	25	22	17	22	29	44	243	32
31. Lambeth	87856	116072	40	38	44	58	54	61	60	57	53	69	534	53
32. Wandsworth . . . L	33090	39918	*	*	*	13	12	18	29	12	17	20	121	21
33. Camberwell . . LL	28231	39931	9	8	22	21	14	24	20	23	23	33	197	25
34. Rotherhithe	12875	13940	6	10	9	7	5	6	5	11	13	4	76	6
35. Greenwich . HHHP	63564	81125	44	37	37	38	54	58	50	54	51	57	480	41
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	4	10	11	15	40	11

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 9457; which divided by 10 gives 946 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1851, by adding to it an eleventh part; thus, 946 divided by 11 is 86, which added to 946, makes the corrected average 1032. The corrected average for small-pox, or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 139 in 10 weeks; the average was 14; the corrected average 15. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5{\cdot}5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	1	.	1
2 Chelsea [North West]	.	2	2
2 *St. George Hanover Square* [*Chelsea N.W.*]	.	.	.
3 St. George Hanover Square [May Fair]	2	.	2
4 Westminster [St. Margaret]	1	1	2
5 St. Martin-in-the-Fields [Charing Cross]	1	1	2
6 St. James Westminster [Golden Square]	2	1	3
7 Marylebone [Rectory]	4	4	8
9 *Strand* [*Tottenham Court*]	3	.	3
9 Pancras [Camden Town]	2	5	7
10 Islington [West]	1	2	3
11 Hackney [Hackney]	.	2	2
12 St. Giles [South]	2	3	5
14 Holborn [St. Andrew East]	2	3	5
15 Clerkenwell [St. James]	1	3	4
17 East London [St. Botolph]	.	.	.
18 *East London* [*West London North*]	1	.	1
18 West London [North]	.	2	2
20 Shoreditch [Haggerstone West]	.	2	2
20 *St. Luke* [*Hoxton New Town*]	.	.	.
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	1	2	3
23 St. George-in the-East [St. John]	2	2	4
24 Stepney [Shadwell]	1	1	2
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	2	1	3
24 City of London [ditto]	1	1	2
24 Stepney [Limehouse]	1	.	1
25 *London City* [*Bow*]	1	.	1
25 Poplar [Poplar]	1	1	2
26 St. Saviour [Christchurch]	1	.	1
27 St. Olave [St. John Horselydown]	1	1	2
28 Bermondsey [St. Mary Magdalen]	1	1	2
29 St. George Southwark [Borough Road]	1	.	1
30 Newington [St. Peter Walworth]	2	.	2
31 Lambeth [Lambeth Church 2nd]	4	3	7
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	1	1	2
33 Camberwell [Camberwell]	1	2	3
34 Rotherhithe	.	.	.
35 Greenwich [East]	.	.	.
36 Lewisham [Village]	.	1	1
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	45	48	93

HOSPITALS.	M.	F.	T.
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	5	.	5
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	1	.	1
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	6	.	6
General Hospitals:—			
3 St. George [Belgrave]	2	.	2
4 Westminster [St. Margaret]	2	.	2
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	3	.	3
9 University College [Tottenham Court]	5	.	5
9 Royal Free Hospital [Gray's-inn lane]	.	.	.
13 King's College [St. Clement Danes]	2	1	3
18 St. Bartholomew [West London North]	3	3	6
22 London [Whitechapel Church]	9	4	13
27 Guy's [St. Olave and St. Saviour]	9	4	13
27 St. Thomas [St. Olave & St. Saviour]	3	3	6
Total	38	15	53
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	.	.	.
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	2	.	2
Total	2	.	2

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	1	1
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	1	.	1
20 Miles' [St. Leonard]	1	.	1
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	1	1
33 Peckham House [Camberwell]	2	1	3
33 Camberwell House [Camberwell]	1	.	1
Total	5	3	8
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	1	.	1
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	1	.	1
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.

PRISONS.	M.	F.	T.
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.

Workhouses	45	48	93
Military and Naval Asylums	6	.	6
General Hospitals	38	15	53
Hospitals for Special Diseases	2	.	2
Lying-in Hospitals	.	.	.
Lunatic Asylums	5	3	8
Military and Naval Hospitals	1	.	1
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	.	.
Total in Public Institutions	97	66	163

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 5th April, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
March.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday .	30	..	29·559	53·5	37·8	44·8	36·2	..	31·0	49·1	44·7	8·6	14·0	3·0	+ 1·0	S.W.	W.N.W.	4·0	0·0	0·8	150	0·03
Monday .	31	..	30·045	48·3	38·8	42·7	33·3	50·0	32·0	48·1	44·3	9·4	14·1	4·8	— 1·2	N.W.	N. W.	2·5	0·0	0·2	85	
April.																						0·02
Tuesday .	1	In Equa. New.	30·014	53·9	39·1	44·5	38·7	55·0	35·0	47·8	44·3	5·8	11·8	1·5	+ 0·3	W.	Calm.	0·0	0·0	0·0	85	0·00
Wednesday	2	..	29·949	49·9	40·5	44·6	42·1	52·0	38·0	47·6	44·3	2·5	7·9	0·0	+ 0·3	S.W.	S.W.	2·0	0·0	0·1	120	0·03
Thursday .	3	..	29·961	52·3	43·1	44·7	39·4	57·0	30·0	47·8	44·5	5·3	9·5	2·5	+ 0·3	S.W. & N.N.W.	N.	3·0	0·0	0·3	95	0·00
Friday .	4	..	29·947	54·0	39·6	43·5	37·5	60·0	21·4	48·6	45·0	6·0	11·0	1·1	— 1·1	Calm & N.N.E.	N.N.E. & N.E.	5·0	0·0	0·1	135	0·09
Saturday	5	..	29·887	51·5	29·9	39·5	34·2	73·0	20·0	48·6	45·3	5·3	12·4	1·8	— 5·3	N.E.	E.S.E.	0·0	0·0	0·0	50	0·00
Means . .		..	29·907	51·9	38·4	43·5	37·3	57·8	29·6	48·2	44·6	6·1	11·5	2·1	— 0·8			..	..	..	Sum 720	Sum 0·17
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	0·23

ELECTRICITY.

Sunday . .	April 1d. 3h. positive, and tension strong.
Monday . .	
Tuesday .	
Wednesday	April 2d. positive, and tension strong throughout the day.
Thursday .	
Friday . .	
Saturday .	

GENERAL REMARKS.

The amount of cloud was very variable throughout the day; there were frequent showers of hail and rain.

The sky was overcast till 7h. P.M. and the amount of cloud was variable afterwards; cirrostratus.

The sky was for the most part covered with cloud till near noon; then till the evening about one-third part was covered, and it was overcast at night.

The sky was overcast throughout the day. Rain fell occasionally.

The sky was overcast till 4h. P.M., and three-fourths were mostly covered afterwards.

The sky, with slight exceptions, was covered with cumuli, cumulostrati, cirrostrati, and scud throughout the day.

The sky was mostly covered with cloud throughout the day; at times large portions of the sky were free from cloud. A cold day.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 47·7°; and the mean reading at 9h. P.M. was 44·3°; the mean readings at the Royal Observatory for the same times were 44·8° and 42·3° respectively.

The direction of the wind varied from S.W. and W. to N. during the first four days, and was chiefly N.E. during the three remaining days.

The reading of the barometer increased from 29·41 in. at the beginning of the week to 30·03 in. by noon on April 1st; decreased to 29·92 in. by 9 A.M. on the 3rd; increased to 30·03 in. by 9h. P.M. on the same day; decreased to 29·86 in. by noon on the 5th; and increased to 29·93 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, April 12. [No. 15.

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday the deaths registered in London were 1042. Hence it appears that the public health, which showed much improvement in the previous week, continues in a favourable state, as contrasted with the great amount of sickness that prevailed in March; but a comparison of the present return with those of ten corresponding weeks in 1841–50, proves that the mortality, which is always greater than in many parts of England, is still high for London at this period of the year. In the corresponding weeks the deaths in the metropolis rose only in three instances above 906, while the average is 918, and though raised in the ratio of probable increase of population, does not exceed 1001. The deaths in the present return exhibit an increase of 41 on the corrected average.

The rise and fall of the mortality since the beginning of March are shown by the following series:—

	Total Deaths.	Deaths from Diseases of Respiratory Organs (exclusive of Phthisis, Hooping-cough, Influenza, &c).	Deaths from Influenza.
Week ending March 8th . .	1247	321	15
„ March 15th . .	1401	352	38
„ March 22nd . .	1412	350	65
„ March 29th . .	1418	272	37
„ April 5th . .	1059	220	23
„ April 12th . .	1042	202	20

Of the deaths registered last week from diseases of the organs of respiration, 6 were from laryngitis and laryngismus stridulus, 89 from bronchitis, 85 from pneumonia (or inflammation of the lungs), 11 from asthma, and 11 from disease of the lungs not more particularly designated. In this class it is chiefly in asthma that a decrease on the previous week is observed.

In this return 138 deaths are enumerated as caused by phthisis or consumption, and of these 18 occurred under 15 years of age, only 5 above 60 years, while the remaining 115 occurred in the intermediate period of life. In the ten corresponding weeks of 1841–50 the average number of lives destroyed by this malady was 137; and, as regards fatality, it maintains by far the highest position in the list of diseases, except when some epidemic becomes unusually severe.

In the epidemic class of diseases, 12 deaths are ascribed to small-pox, 28 to measles, 13 to scarlatina, 50 to hooping-cough, 4 to croup, 18 to diarrhœa and dysentery, 20 to in-

fluenza, 1 to purpura, 4 to remittent fever (amongst children), 25 to typhus, and 4 to erysipelas. It appears that hooping-cough, though still fatal to a considerable extent, has declined; and influenza, though much above the average, which is not more than 4, undergoes a gradual decrease.

Last week intemperance was fatal to a man, and destitution and exposure to cold, accompanied with intemperance, to a woman.

The births of 779 boys, and 757 girls, in all 1536 children, were registered in the week. In the six corresponding weeks of 1845–50, the average number was 1325.

At the Royal Observatory, Greenwich, the mean height of the barometer was 29·838. The temperature was low throughout the week, and the mean on each day was less than the average of the same day in ten years. This decrease, taking one day with another, was about 5 degrees. The mean temperature of the week was 40°·3. The wind was generally north or north-east.

Deaths from Influenza registered in the Week.

Kensington, 31 Addison-road North, 4th April, widow of farmer, 63, influenza, bronchitis.
Chelsea, 11 King-street, 7th April, widow of farmer, 85, influenza, congestion of lungs, old age.
Belgrave sub-district, 10 Charlwood-place, 4th April, son of warehouseman, 4, influenza (6 days).
At 110 Long Acre, 6th April, son of tobacconist, 7 months, influenza (8 days).
Marylebone Workhouse, 6th April, M., servant, 75, influenza.
Tottenham sub-district, 155 Tottenham-court-road, 6th April, draper, 45, tubercles in lungs (2 or 3 years), influenza (10 days), pleuro pneumonia (7 days).
In same sub-district, at 7 University-street, 5th April, spinster, 74, effusion in the chest, after a severe attack of influenza (5 days).
Kentish Town, 10 Hawley-road, 1st April, gentleman, 78, influenza (21 days).
Islington, 28 Lower Islington-terrace, 8th April, F., 75, influenza, bronchitis.
At 17 Upper Islington-terrace, 10th April, gentleman, 87, influenza (10 days), bronchitis.
Stamford Hill, 11 Grove-lane, 6th April, F., 52, influenza (14 days), congestion of lungs (6 days).
Hackney, Brown-terrace, 1st April, Parish Clerk, 76, natural decay, influenza.
At the Workhouse, Wapping, 6th April, widow, 64, influenza (6 weeks).
In the same Workhouse, 3rd April, wife of mariner, 60, influenza (6 weeks).
Wapping, 340 High-street, 9th April, gentleman, 86, influenza (14 days).
Limehouse, 1 North-street, 6th April, son of a labourer, 3, influenza.
Newington, Trinity, 30 Salisbury-street, 4th April, widow of beer-shop keeper, 66, asthma (2 months), influenza (1 week).
Kennington, at 24 Foxley-road, 6th April, widow, 76, influenza (4 weeks), bronchitis (7 days).
Peckham, 7 Carlton-grove, 6th April, F., 67, influenza (9 days), pneumonia (2 days).
Rotherhithe, 7 Seven Houses, Trinity-street, 2nd April, widow of stockbroker, 83, influenza (3 weeks).

The following selections are made from the Registrars' Reports:—

In Pancras, Tottenham Court sub-district, at 5 Holbrook-court, on 6th April, the son of a cabman, aged 2 years, died of "variola confluens, first attack (7 days), not vaccinated." Mr. Wells describes this as "a dirty and ill-ventilated neighbourhood. There are 7 children in the family; five have been vaccinated and have escaped the small-pox; two were attacked, one with small-pox of the distinct character and recovered, the other with the confluent form of a virulent description, and died. These facts prove the protecting influence of vaccination."

In Islington, East sub-district, at 13 Bentley-crescent, Ball's-pond, on 7th April, a house decorator and painter, aged 42 years, died of "lead colic, recurring attacks for one year, marasmus." This man neglected the precaution of changing his clothes after work.

Births Registered last Week, and in the Fifteenth Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
Total . . .	1199	1200	1489	1240	1346	1473	1325	1536
Males. . .	621	606	776	660	707	745	686	779
Females . .	578	594	713	580	639	728	639	757

Deaths Registered last Week, and in the Fifteenth Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
Total . .		848	822	816	870	906	864	1051	1047	1066	893	918·3	1042*
Males . .		415	414	424	458	446	437	527	537	512	459	462·9	542
Females .		433	408	392	412	460	427	524	510	554	434	455·4	500
Deaths at three periods of life . .	Ages.												
	0—15	363	364	391	401	392	383	431	517	487	388	411·7	474
	15—60	311	277	273	298	328	311	371	339	350	293	315·1	330
	60 & up.	173	174	151	169	185	170	249	189	228	210	189·8	226

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

* The Return of deaths for the sub-district of Hackney-road was not received in time for insertion in the Tables. An average of 10 derived from the returns of the previous 6 weeks is taken instead, and in the Table of Diseases is placed to *Causes not specified*. The true number is now ascertained to be only 3.

Births and Deaths registered in London in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Jan. 18.	Jan. 25.	Feb. 1.	Feb. 8.	Feb. 15.	Feb. 22.	Mar. 1.	Mar. 8.	Mar. 15.	Mar. 22.	Mar. 29.	Apr. 5.	Apr. 12.
Births	1599	1523	1537	1604	1576	1567	1591	1580	1533	1580	1780	1560	1536
Deaths	1037	956	1041	1109	1036	1213	1148	1247	1401	1412	1418	1059	1042
Deaths (except from Violence) . . .	1020	932	1029	1074	1006	1187	1125	1242	1378	1387	1289	1036	1033
Deaths (except from Violence) at 60 years and upwards . .	214	187	230	240	204	296	255	302	360	384	295	226	225
Scarlatina	19	17	16	15	20	9	19	20	16	15	10	6	13
Typhus	35	41	48	34	43	35	31	36	43	54	38	32	25
Diarrhœa & Dysentery	16	21	29	18	19	18	22	16	17	19	22	14	18
Cholera	1	..	..	..	..	..	..	2	1	1	1	..	..
Mean Temperature .	45°·0	40°·1	41°·1	40°·5	39°·6	42°·5	37°·6	39°·4	40°·5	44°·9	46°·3	43°·5	40°·3

Note on the Classification of Diseases.—In the Weekly Abstracts, *metria* was included under the head of "child-birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," or "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite the above heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 40°·3—Apr. 12.			
	43°·0	40°·1	39°·5	50°·2	40°·5	45°·7	46°·6	44°·4	41°·8	49°·5	Mean 44°·1				
	Apr. 17	Apr. 16	Apr. 15	Apr. 13	Apr. 12	Apr. 11	Apr. 10	Apr. 15	Apr. 14	Apr. 13	Sum of 10 Weeks	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
ALL CAUSES	848	822	816	870	906	864	1051	1047	1066	893	9183	474	330	226	1042†
SPECIFIED CAUSES	840	810	812	866	905	863	1049	1046	1064	891	9146	474	329	226	1031
1. Zymotic Diseases	125	122	183	176	155	145	174	275	241	157	1753	134	28	22	184
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	61	61	43	59	57	37	40	48	37	38	481	7	21	25	54†
3. Tubercular Diseases	210	182	159	182	186	216	206	192	197	163	1893	84	117	5	206
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	116	113	99	115	111	115	134	107	144	118	1172	51	44	40	136†
5. Diseases of the Heart and Blood-vessels	23	18	15	24	39	37	47	32	38	37	310	3	21	14	38
6. Diseases of the Lungs, and of the other Organs of Respiration	116	135	126	114	168	119	203	181	198	174	1534	102	45	55	202
7. Diseases of the Stomach, Liver, and other Organs of Digestion	47	49	57	69	59	53	66	62	66	61	589	25	21	13	59
8. Diseases of the Kidneys, &c.	5	4	6	6	8	6	13	11	11	6	76	..	8	3	11
9. Childbirth, Diseases of the Uterus, &c.	6	10	4	6	15	12	13	8	6	7	87	..	7	1	8
10. Rheumatism, Diseases of the Bones, Joints, &c.	7	7	9	5	5	6	16	7	5	6	73	1	4	1	6
11. Diseases of the Skin, Cellular Tissue, &c.	..	..	..	..	1	1	1	..	3	2	8	3	1	..	4
12. Malformations	3	..	2	2	1	4	4	4	1	2	23	3	..	..	3
13. Premature Birth & Debility	19	24	15	11	16	13	21	22	16	21	178	33	2	..	35
14. Atrophy	10	8	10	13	10	16	17	18	24	23	149	20	3	..	23
15. Age	57	61	55	64	54	39	54	34	49	48	515	..	..	44	44
16. Sudden	17	7	17	7	5	12	15	14	7	4	105	..	..	2	2
17. Violence, Privation, Cold, and Intemperance	18	9	12	13	15	32	25	31	21	24	200	8	7	1	16
1.—Small-pox	18	4	10	21	16	7	16	19	6	7	124	9	3	..	12
Measles	3	22	22	22	18	18	12	36	26	15	194	27	1	..	28
Scarlatina	3	11	21	31	17	11	16	53	48	18	229	12	1	..	13
Hooping Cough	42	36	49	27	50	47	46	54	69	35	455	49	1	..	50
Croup	9	13	4	9	6	7	4	7	2	4	65	4	..	..	4
Thrush	4	2	2	4	3	..	6	3	1	1	26	1	..	..	1
Diarrhœa	8	4	7	3	4	4	10	20	14	13	87	10	2	2	14
Dysentery	3	2	1	2	3	..	2	2	3	1	19	1	1	2	4
Cholera	..	..	..	..	..	..	..	1	2	..	3	..	..	..	..
Influenza	9	1	3	6	1	4	4	9	2	4	43	3	2	15	20
Purpura and Scurvy	..	1	..	1	..	1	..	2	1	..	6	1	..	..	1
Ague	..	..	1	..	1	1	1	..	..	..	4	..	..	..	..
Remittent Fever	..	..	2	1	1	5	2	1	..	6	18	4	..	..	4
Infantile Fever	*	*	*	*	*	*	*	2	1	..	3	1	..	..	1
Typhus	21	21	56	39	26	33	43	47	43	37	366	9	14	2	25
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	3	8	2	13	..	1	..	1
Rheumatic Fever	*	*	*	*	*	*	*	1	2	5	8	..	..	..	..
Erysipelas	3	5	3	9	8	6	8	8	11	8	69	3	..	1	4
Syphilis	2	..	2	1	1	1	4	6	2	1	20	..	2	..	2
Noma (or Canker)	*	*	*	*	..	..	..	1	..	..	1	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	3	4	1	..	1	3	6	2	1	..	21	1	2	2	5
Dropsy	37	38	30	36	34	16	16	17	20	14	258	2	6	11	20†
Abscess	5	2	..	1	1	2	2	1	1	2	17	2	1	1	4
Ulcer	..	..	..	1	..	1	3	1	..	2	8	..	1	1	2
Fistula	..	..	..	1	..	1	..	..	1	..	3	..	..	..	..
Mortification	3	4	5	4	9	1	3	5	3	1	38	..	..	..	..
Cancer	13	11	7	15	11	12	8	21	10	17	125	2	10	9	21
Gout	..	2	..	1	1	1	2	1	1	2	11	..	1	1	2
3.—Scrofula	2	..	3	5	3	8	9	4	6	7	47	8	2	..	10
Tabes Mesenterica	1	5	8	9	7	17	19	16	18	14	114	19	..	..	19
Phthisis (or Consumption)	171	140	108	136	146	147	138	138	139	108	1371	18	115	5	138
Hydrocephalus	36	37	40	32	30	44	40	34	34	34	361	39	..	..	39

* See Note, p. 115. † The ages of two persons, whose deaths are ascribed, one to dropsy, the other to apoplexy, were not stated.

in the FIFTEENTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 40°·3—Apr. 12.			
	43°·0	40°·1	39°·5	50°·2	40°·5	45°·7	46°·6	44°·4	41°·8	49°·5	Mean 44°·1				
	Apr. 17 1841	Apr. 16 1842	Apr. 15 1843	Apr. 13 1844	Apr. 12 1845	Apr. 11 1846	Apr. 10 1847	Apr. 15 1848	Apr. 14 1849	Apr. 13 1850	Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	14	11	15	8	19	9	13	7	12	13	121	5	2	..	7
Apoplexy	22	16	19	20	18	27	28	19	30	28	227	1	12	15	29†
Paralysis	20	24	15	17	14	16	23	18	31	24	202	1	14	23	38
Delirium Tremens	1	..	2	..	1	2	3	3	7	1	20	..	5	..	5
Chorea	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
Epilepsy	4	1	3	3	7	9	7	6	4	3	47	2	5	1	8
Tetanus	..	..	..	..	..	..	1	..	..	..	1	..	1	..	1
Insanity	1	..	..	1	1	..	1	4	..	1	9	..	..	..	..
Convulsions	44	50	36	56	42	41	45	45	49	31	439	38	..	..	38
Disease of Brain, &c.	10	11	9	10	9	11	13	5	11	17	106	3	5	1	9
5.—Pericarditis	2	..	2	2	..	2	2	1	5	1	17	1	1	1	3
Aneurism	..	..	..	2	1	..	2	2	2	3	12	..	1	..	1
Disease of Heart, &c.	21	18	13	20	38	35	43	29	31	33	281	2	19	13	34
6.—Laryngitis	..	..	1	1	1	2	5	6	2	6	24	6	..	..	6
Bronchitis	15	17	12	17	29	49	81	64	79	68	431	22	21	46	89
Pleurisy	1	2	2	2	2	4	6	3	4	4	30	..	..	..	..
Pneumonia	59	79	79	55	84	49	72	81	79	72	709	71	12	2	85
Asthma	24	20	15	19	30	10	20	13	20	13	184	..	6	5	11
Disease of Lungs, &c.	17	17	17	20	22	5	19	14	14	11	156	3	6	2	11
7.—Teething	16	20	22	22	16	7	11	11	12	12	147	13	..	..	13
Quinsey	2	1	3	3	..	1	1	3	1	1	16	2	..	..	2
Gastritis	12	9	14	2	..	3	2	..	1	2	108	1	1	..	2
Enteritis				16	12	7	8	9	8	3		2	2	1	5
Peritonitis	1	3	1	4	2	..	5	3	4	8	31	1	2	1	4
Ascites	..	..	1	1	1	..	2	1	3	1	10	..	..	1	1
Ulceration (of Intestines)	1	1	1	..	4	4	1	2	2	2	18	..	1	..	1
Hernia	2	1	4	1	1	3	7	5	3	5	32	..	3	3	6
Ileus	1	2	..	1	2	2	1	2	4	2	17	2	..	..	2
Intussusception	..	..	1	..	3	2	2	1	..	1	10	..	1	1	2
Stricture of Intestinal Canal	..	..	1	..	1	3	1	..	1	..	7	..	1	..	1
Disease of Stomach, &c.	4	4	4	8	4	6	10	7	11	2	60	2	2	1	5
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Hepatitis	..	..	1	2	..	4	2	3	3	9	24	..	2	2	4
Jaundice	3	4	1	4	4	6	3	4	2	3	34	1	1	..	2
Disease of Liver	5	4	5	5	9	5	10	10	11	10	74	1	4	2	7
Disease of Spleen	..	..	..	..	..	..	..	1	..	..	1	..	1	..	1
8.—Nephritis	..	..	..	..	1	..	..	..	..	..	1	..	1	..	1
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	4	3	3	10	..	4	..	4
Ischuria	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Diabetes	..	..	2	1	1	..	2	2	1	..	9	..	..	..	..
Stone	1	..	..	1	..	..	..	1	..	..	3	..	..	1	1
Cystitis	1	..	..	..	..	..	..	..	1	..	2	..	..	1	1
Stricture of Urethra	1	..	..	1	1	..	1	1	1	1	7	..	..	..	..
Disease of Kidneys, &c.	2	4	4	3	5	6	10	3	4	2	43	..	3	1	4
9.—Paramenia	..	1	..	..	..	..	..	1	..	..	2	..	1	..	1
Ovarian Dropsy	..	..	..	..	1	..	..	1	..	2	4	..	..	..	..
Childbirth (*see* Metria)	4	6	4	4	11	9	10	5	2	2	57	..	2	..	2
Disease of Uterus, &c.	2	3	..	2	3	3	3	1	4	3	24	..	4	1	5
10.—Arthritis	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Rheumatism	6	3	6	4	4	5	11	5	3	3	50	1	3	1	5
Disease of Joints, &c.	1	4	3	1	1	1	5	2	1	3	22	..	1	..	1
11.—Carbuncle	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Phlegmon	..	..	..	..	..	..	1	..	2	1	4	..	1	..	1
Disease of Skin, &c.	..	..	..	..	1	1	..	..	..	1	3	3	..	..	3
17.—Intemperance	..	..	..	..	2	..	..	1	..	4	7	..	1	..	1
Privation of Food	..	..	..	..	..	..	2	1	..	1	4	..	1	..	1
Want of Breast-milk	*	*	*	*	*	*	*	2	2	3	7	5	..	..	5
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	2	1	1	4	..	1	..	1
Burns and Scalds	*	*	*	*	*	*	*	3	3	2	8	1	..	..	1
Hanging and Suffocation	*	*	*	*	*	*	*	..	4	4	8	..	1	..	1
Drowning	*	*	*	*	*	*	*	4	1	4	9	1	2	..	3
Fractures	*	*	*	*	*	*	*	13	5	3	21	1	..	1	2
Wounds	*	*	*	*	*	*	*	5	3	1	9	..	1	..	1
Other Violence	*	*	*	*	*	*	*	..	2	1	3	..	..	..	..
All Violence	18	9	12	13	13	32	23	27	19	16	182	3	5	1	9
Causes not specified	8	12	4	4	1	1	2	1	2	2	37	..	1	..	11†

† The ages of two persons, whose deaths are ascribed, one to dropsy, the other to apoplexy, were not stated.

Deaths Registered in the Fifteenth Week of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			43°·0	40°·1	39°·5	50°·2	40°·5	45°·7	46°·6	44°·4	41°·8	49°·5	Mean 44°·1	40°·3
			Apr. 17	Apr. 16	Apr. 15	Apr. 13	Apr. 12	Apr. 11	Apr. 10	Apr. 15	Apr. 14	Apr. 13	Sum of 10 Weeks.	Apr. 12,
	1831	1841	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1654994	1948369	848	822	816	870	906	864	1051	1047	1066	893	9183	1042
1–6. West Districts .	252761	301189	141	102	136	128	154	115	172	163	142	143	1396	157
7–11. North Districts .	306185	376568	162	165	175	164	174	188	184	203	185	165	1765	194
12–19. Central Districts	355502	374199	168	169	163	165	188	143	184	178	203	163	1724	176
20–25. East Districts .	330736	393067	161	179	166	182	186	164	219	217	260	192	1926	223
26–36. South Districts .	409810	503346	216	207	176	231	204	254	292	286	276	230	2372	292
1. Kensington . . HL	52981	74898	33	22	27	26	39	30	53	51	43	48	372	41
2. Chelsea . . . *W*H	32371	40243	12	13	25	21	22	23	19	29	22	19	205	30
3. St.GeorgeHanover-sq.H	58209	66657	31	26	33	23	35	23	37	33	34	30	305	30
4. Westminster HHPP	48177	56802	30	20	24	28	35	23	36	21	20	24	261	29
5. St.Martin-in-the-Flds. H	23970	25132	15	5	12	17	12	8	13	15	10	10	117	14
6. St. James Westminster	37053	37457	20	16	15	13	11	8	14	14	13	12	136	13
7. Marylebone . . . H	122206	138383	69	59	62	56	67	59	68	77	61	52	630	70
8. Hampstead	8588	140078	*	*	*	*	*	*	3	3	4	4	14	3
9. Pancras . . *W*HH	103548		55	68	73	78	58	72	64	77	76	61	682	62
10. Islington . . . HP	37316	55779	22	19	20	18	28	33	28	33	24	26	251	36
11. Hackney . . . . H	34527	42328	16	19	20	12	21	24	21	13	20	22	188	23
12. St. Giles	52907	54378	28	28	27	16	29	19	29	26	30	14	246	29
13. Strand (wkh. in 9) . H	42015	43667	16	18	24	22	25	14	18	17	29	25	208	16
14. Holborn	42696	44532	14	18	16	23	18	17	19	18	20	15	178	21
15. Clerkenwell . . PP	47634	56799	27	22	21	21	25	26	29	22	33	23	249	31
16. St. Luke (wkh. in 20) L	46642	49908	22	16	19	24	18	17	25	27	20	22	210	18
17. East London . . . P.	38311	39718	17	22	14	26	20	11	16	22	28	22	198	16
18. West London *W*HPPP	28217	29188	22	25	20	10	24	21	28	30	20	27	227	26
19. City of Lon. (wkh. in 25)	57080	56009	22	20	22	23	29	18	20	16	23	15	208	19
20. Shoreditch . . *W*L	68564	83564	32	30	49	46	58	39	49	42	65	38	448	50
21. Bethnal Green . . L	62018	74206	37	38	34	40	30	24	45	37	42	20	347	32
22. Whitechapel . . . H	64141	71879	28	30	32	34	37	34	47	50	49	41	382	51
23. St. George-in-the-East .	38505	41416	20	20	14	15	15	18	20	22	32	17	193	19
24. Stepney . . . . H	72442	90831	33	47	25	34	34	33	49	52	51	50	408	48
25. Poplar . . . *W*L	25066	31171	11	14	12	13	12	16	9	14	21	26	148	23
26. St. Saviour . . HH	31711	33027	18	11	21	16	15	14	23	21	21	17	177	27
27. St. Olave . . . HH	20021	19869	24	22	11	14	15	18	24	30	27	10	195	17
28. Bermondsey	29741	35002	16	15	15	17	11	22	27	24	25	14	186	20
29. St. Geo. Southwk. LPP	39769	46718	32	24	20	22	27	20	25	14	28	26	238	25
30. Newington . . . P	44526	54693	24	24	24	28	25	26	29	33	21	25	259	26
31. Lambeth	87856	116072	41	50	42	50	38	61	58	41	58	54	493	68
32. Wandsworth . . . L	33090	39918	*	*	*	17	10	15	14	23	14	18	111	24
33. Camberwell . . LL	28231	39931	12	18	16	12	17	14	19	29	21	16	174	23
34. Rotherhithe	12875	13940	8	12	2	3	5	3	7	7	6	3	56	4
35. Greenwich . HHHP	63564	81125	41	31	25	52	41	61	55	48	46	32	432	51
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	11	16	9	15	51	7

Note.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 9183; which, divided by 10, gives 918 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 918 divided by 11 is about 83, which added to 918, makes the corrected average 1001. The corrected average for small-pox, or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 124 in 10 weeks; the average was 12; the corrected average 13. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	1	1
2 Chelsea [North West]	.	1	1
2 *St. George Hanover Square [Chelsea N.W.]*	.	1	1
3 St. George Hanover Square [May Fair]	.	1	1
4 Westminster [St. Margaret]	.	.	.
5 St. Martin-in-the-Fields [Charing Cross]	.	1	1
6 St. James Westminster [Golden Square]	1	2	3
7 Marylebone [Rectory]	5	3	8
9 *Strand [Tottenham Court]*	.	.	.
9 Pancras [Camden Town]	2	1	3
10 Islington [West]	.	3	3
11 Hackney [Hackney]	.	1	1
12 St. Giles [South]	4	4	8
14 Holborn [St. Andrew East]	2	2	4
15 Clerkenwell [St. James]	2	3	5
17 East London [St. Botolph]	1	2	3
18 *East London [West London North]*	4	.	4
18 West London [North]	3	.	3
20 Shoreditch [Haggerstone West]	3	1	4
20 *St. Luke [Hoxton New Town]*	.	5	5
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	1	1
22 Whitechapel [North]	.	3	3
23 St. George-in-the-East [St. John]	.	.	.
24 Stepney [Shadwell]	.	3	3
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	2	.	2
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	2	3	5
25 Poplar [Poplar]	1	1	2
26 St. Saviour [Christchurch]	.	.	.
27 St. Olave [St. John Horselydown]	.	.	.
28 Bermondsey [St. Mary Magdalen]	.	1	1
29 St. George Southwark [Borough Road]	.	2	2
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2nd]	1	4	5
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	2	.	2
32 Wandsworth [Battersea]	.	.	.
33 Camberwell [Camberwell]	1	1	2
34 Rotherhithe	1	.	1
35 Greenwich [East]	2	1	3
36 Lewisham [Village]	1	1	2
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	40	53	93

HOSPITALS.	M.	F.	T.
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	8	.	8
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	.	.	.
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	8	.	8
General Hospitals:—			
3 St. George [Belgrave]	5	5	10
4 Westminster [St. Margaret]	.	.	.
5 Charing Cross [Charing Cross]	.	3	3
7 Middlesex [All Souls]	.	.	.
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	3	1	4
18 St. Bartholomew [West London North]	2	2	4
22 London [Whitechapel Church]	1	2	3
27 Guy's [St. Olave and St. Saviour]	3	.	3
27 St. Thomas [St. Olave & St. Saviour]	5	5	10
Total	19	18	37
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	2	1	3
10 Fever [Islington West]	1	3	4
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	.	.
Total	3	4	7

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	1	.	1
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	1	1
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	2	.	2
33 Peckham House [Camberwell]	3	.	3
33 Camberwell House [Camberwell]	1	.	1
Total	7	1	8
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	1	.	1
35 Royal Ordnance (Woolwich Arsenal)	.	1	1
36 Dreadnought Ship (for Seamen, Greenwich West)	2	.	2
Total	3	1	4
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.

PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.

Workhouses	40	53	93
Military and Naval Asylums	8	.	8
General Hospitals	19	18	37
Hospitals for Special Diseases	3	4	7
Lying-in Hospitals	.	.	.
Lunatic Asylums	7	1	8
Military and Naval Hospitals	3	1	4
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	.	.
Total in Public Institutions	80	77	157

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 12th April, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
MARCH.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	6	..	29·968	48·3	28·6	37·4	29·9	..	27·0	48·6	45·0	7·5	11·5	3·4	— 7·5	Calm.	N.E.	0·0	0·0	0·0	35	0·00
MONDAY .	7	..	29·967	48·3	29·3	38·6	31·8	54·0	28·0	48·1	45·0	6·8	16·7	6·5	— 6·6	N.E.	N.E.	0·0	0·0	0·0	115	0·00
TUESDAY .	8	Greatest Dec. N.	29·817	51·7	38·1	42·8	37·8	65·0	30·0	47·4	44·7	5·0	10·8	2·4	— 2·6	N.N.E.	N.	4·5	0·0	0·9	165	0·02
WEDNESDAY	9	First Quarter,	29·714	46·0	36·1	38·9	37·9	51·0	26·5	47·1	44·5	1·0	4·6	0·0	— 6·6	N.	N.	1·3	0·0	0·0	100	0·08
THURSDAY .	10	..	29·843	49·0	37·3	41·2	36·9	57·0	29·0	46·8	44·5	4·3	9·0	2·8	— 4·5	N.	N.	0·0	0·0	0·0	125	0·00
FRIDAY .	11	..	29·774	48·0	38·5	41·1	38·0	53·0	29·2	46·6	44·3	3·1	9·0	1·0	— 4·8	N.	N.N.E.	0·0	0·0	0·0	75	0·14
SATURDAY	12	..	29·785	54·5	38·6	42·1	37·3	64·0	21·5	46·1	44·5	4·8	16·6	0·5	— 4·0	N.N.E.	N.E. and E.	0·0	0·0	0·0	55	0·00
MEANS . .		..	29·838	49·4	35·2	40·3	35·7	57·3	27·3	47·2	44·6	4·6	11·2	2·2	— 5·2	N.		..	..	..	Sum 670	Sum 0·24
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.	
SUNDAY . .	Positive, and tension moderate at each examination.
MONDAY . .	Nothingwas shown throughout the day.
TUESDAY .	Positive, & at times negative during the morning, with strong tension; volleys of sparks and galvanic currents were at times shown.
WEDNESDAY	Nothing was shown throughout the day.
THURSDAY .	Nothing was shown throughout the day.
FRIDAY . .	Positive, and tension strong during the morning.
SATURDAY .	Positive, and tension strong during the morning.

GENERAL REMARKS.

The sky was for the most part covered with cloud during the morning and afternoon, and clear at night; cumulostratus and cirrostratus.

Three-fourths of the sky were covered with cloud till noon, and it was wholly covered afterwards; cumuli, cumulostrati, and cirrostrati.

The sky, with slight exceptions, was covered with cloud throughout the day; cumuli, cumulostrati, and cirrostrati. Showers of hail and rain fell during the afternoon.

The sky was overcast till 9h. P.M., and the amount of cloud was variable afterwards. Rain fell during the afternoon.

The clouds were slightly broken at 9 P.M., otherwise the sky was overcast throughout the day.

The sky was overcast throughout the day; cumulostratus and cirrostratus. Rain fell during the afternoon and evening.

The sky was generally covered with cloud during the morning and afternoon, and clear at night.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12. are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 45·0°; and the mean reading at 9h. P.M. was 41·8°; the mean readings at the Royal Observatory for the same times were 43·1° and 40·1° respectively.

The reading of the barometer increased from 29·93 in. at the beginning of the week to 30·00 in. by 11 P.M. on the 6th; decreased to 29·69 in. by noon on the 9th; increased to 29·87 in. by 9h. P.M. on the 10th; decreased to 29·76 in. by 3 P.M. on the 11th; and increased to 29·82 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, April 19. [No. 16.

HEALTH OF LONDON DURING THE WEEK.

The Return for the week ending last Saturday exhibits a further improvement in the public health. The deaths in London, which in the last week of March rose to 1418, and declined in the two subsequent weeks to 1059 and 1042, have now fallen to 998. It appears from a comparison of the ten corresponding weeks in 1841–50, that the deaths of last week were exceeded in only one instance, namely in 1849, when they rose to 1089. If the average of corresponding weeks, which was 934, be increased in the ratio of supposed increase of population, it becomes 1019; and on this estimated amount, the present return shows a decrease of 21.

As compared with the results of the preceding week, both the class of "Diseases of the Respiratory Organs," and that termed "Tubercular," of which phthisis is the most important, now exhibit a diminished mortality. The difference is principally observed in pneumonia amongst children, this complaint having carried off 71 young persons in the previous week, and only 35 in the last. The deaths at all ages from pneumonia were 85 in the preceding week, and 52 in the last. The decrease in consumption during the last two weeks is also of perceptible amount; for this disease was fatal successively to 138 and 108 persons, the latter number being unusually low; taking the weeks corresponding to last, in ten years, it will be seen that the lowest number was 122, the highest 174, and the average 150. Hooping-cough, however, does not maintain the same steadiness of decrease, and the Registrar of Charing-Cross observes that lately it has prevailed more in his district. The numbers of children who have been carried off by this complaint during the last six weeks appear in the following series:—92, 81, 63, 59, 50, and 62. There died also last week 11 children from croup; and 12 persons, of various ages, from influenza.

But while, concurrently with the progress of the year to a more healthful season, the severity of disorders of the above description becomes mitigated, some diseases of the zymotic character discover a tendency to increase. Measles has increased from 28 in the former week to 35; typhus from 25 to 37; and small-pox, which had shown considerable abatement, has been fatal in the last three weeks successively to 9, 12, and 18 persons. Five deaths occurred last week in the Small-pox Hospital at Holloway, one that of a girl

of 20 months, on the 15th; two of men aged 37 and 30 years, on the 17th; and two of men aged respectively 23 and 20, on the 19th. Two of the men had been vaccinated when young; the three other cases are stated to have been "unprotected." A house is mentioned in St. Giles, where nine children had been attacked with small-pox, and in two cases with fatal effect. None of these patients had been vaccinated.

A case of destitution, which proved fatal to the sufferer, was registered last week. A case of lead colic was reported in the previous return. The deceased was a painter. The death of another man, aged 56, who had formerly followed the same profession, is reported this week, from "lead palsy; phthisis pulmonalis (for years)."

The births of 706 boys, and 719 girls, in all 1425 children, were registered last week. The average number in six corresponding weeks of 1845–50, was 1364.

At the Royal Observatory, Greenwich, the mean height of the barometer in the week was 29·776 in. The mean temperature was 46°·3. The wind was in the east or north-east during the first four days; and during this period the mean daily temperature was about 42 degrees, or about 5° below the average of the same days in 10 years. During the last three days the wind was in the south and south-west, and the mean temperature rose 10 degrees higher, or from 4° to 6° above the average.

The following selections are made from the Registrars' Reports:—

In Charing Cross sub-district, at 20 York-buildings, on 14th April, the daughter of a surveyor, aged 3 years, died of "pertussis (3 weeks) convulsions (1 week)." "This form of disease (says Mr. Leonard) has become very prevalent last week, and is invariably worse in underground kitchens and crowded houses."

In Camden Town sub-district, at 6 Spann's-buildings, on 14th April, the daughter of a labourer, aged 10 months, died of "hooping-cough (11 days) convulsions (24 hours)." Mr. Holl states that "this is an ill-drained, badly-paved, and crowded locality. This is one of the places not under a paving and lighting board." Also at 19 Ashby-street, in the same sub-district, on 13th April, the daughter of a shoemaker, aged 8 months, died of "bronchitis (3 weeks), convulsions (24 hours)." "This is a dirty and crowded place. The deceased was the child of very poor parents."

In Stamford-hill sub-district, at 1 Sovereign-lane, Brook-street, on 16th April, the son of a whitesmith, aged 6 weeks, died of "convulsions (ill from birth)." "The lane (says Mr. Montaigne) is the filthiest in the district."

In North St. Giles-in-the-fields, at 1 Clark's-buildings, on 14th April, the son of a labourer, aged 1 year, died of "small-pox (10 days), not vaccinated—no medical attendant." Mr. Simpson states that "nine children have been attacked with small-pox in this house, and two of them have died. None of them have been vaccinated. The houses are over-crowded, ill-cleansed, close, and inhabited by persons in destitute circumstances."

In Plumstead sub-district, Dover-road, Charlton, on 13th April, the son of a labourer, aged 6 years, died of "measles (3 days) inflammatory croup (24 hours). *Post mort.*" The medical attendant remarks that "the cottage in which this case occurred is wholly unfit for human habitation, being a mere shed with thatch, undrained, and exceedingly damp. Another child is suffering from croup in the same shed."

BIRTHS Registered LAST WEEK, and in the SIXTEENTH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1319	1412	1338	1298	1348	1471	1364	1425
Males. . .	654	710	694	694	679	755	698	706
Females . .	665	702	644	604	669	716	666	719

DEATHS Registered LAST WEEK, and in the SIXTEENTH Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		906	809	961	846	928	967	981	991	1089	866	934·4	998*
Males . .		437	421	505	418	479	516	493	492	572	434	476·7	554
Females .		469	388	456	428	449	451	488	499	517	432	457·7	444
	Ages.												
Deaths at three periods of life . .	0—15	401	360	426	378	415	399	371	480	495	377	410·2	459
	15—60	329	280	321	281	334	361	355	322	366	296	324·5	306
	60 & up.	176	167	206	185	177	205	254	189	216	193	196·8	209

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

* The Return of deaths from Mr. Faulkner, Registrar of the sub-district of St. Giles, was not received in time for insertion in the Tables. An average of 24, derived from the previous 6 weeks. is substituted, and in the Table of *Causes* is placed to *Causes not specified.* The true number is now ascertained to be 14.

BIRTHS and DEATHS registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Jan. 25.	Feb. 1.	Feb. 8.	Feb. 15.	Feb. 22.	Mar. 1.	Mar. 8.	Mar. 15.	Mar. 22.	Mar. 29.	Apr. 5.	Apr. 12.	Apr. 19.
BIRTHS	1523	1537	1604	1576	1567	1591	1580	1533	1580	1780	1560	1536	1425
DEATHS	956	1041	1109	1036	1213	1148	1247	1401	1412	1418	1059	1042	998
DEATHS (except from Violence) . . .	932	1029	1074	1006	1187	1125	1242	1378	1387	1289	1036	1033	977
Deaths (except from Violence) at 60 years and upwards . .	187	230	240	204	296	255	302	360	384	295	226	225	205
Scarlatina	17	16	15	20	9	19	20	16	15	10	6	13	8
Typhus	41	48	34	43	35	31	36	43	54	38	32	25	37
Diarrhœa & Dysentery	21	29	18	19	18	22	16	17	19	22	14	18	15
Cholera	..	..	..	..	..	..	2	1	1	1	..	..	..
Mean Temperature .	40°·1	41°·1	40°·5	39°·6	42°·5	37°·6	39°·4	40°·5	44°·9	46°·3	43°·5	40°·3	46°·3

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child-birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," or "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite the above heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 46°·3—Apr. 19.			
	45°·3	46°·3	51°·4	52°·3	44°·3	50°·5	42°·8	49°·1	37°·1	48°·9	Mean 46°·8				
	Apr. 24	Apr. 23	Apr. 22	Apr. 20	Apr. 19	Apr. 18	Apr. 17	Apr. 22	Apr. 21	Apr. 20	Sum of 10 Weeks	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
ALL CAUSES	906	809	961	846	928	967	981	991	1089	866	9344	459	306	209	998†
SPECIFIED CAUSES	900	801	949	846	925	964	981	988	1076	860	9290	459	306	209	974
1. Zymotic Diseases	139	106	175	172	164	155	140	252	248	171	1722	162	39	16	217
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	63	53	67	60	62	42	49	36	52	55	539	1	28	14	43
3. Tubercular Diseases	235	199	207	191	216	199	213	191	217	161	2029	78	84	6	168
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	112	124	104	104	124	130	125	101	121	113	1158	54	37	29	120
5. Diseases of the Heart and Blood-vessels	22	17	28	25	28	30	54	25	36	34	299	5	24	12	41
6. Diseases of the Lungs, and of the other Organs of Respiration	116	107	130	113	142	165	167	185	181	141	1447	67	49	55	171
7. Diseases of the Stomach, Liver, and other Organs of Digestion	63	53	58	39	49	78	58	52	60	44	554	28	19	15	62
8. Diseases of the Kidneys, &c.	7	10	6	9	15	12	9	12	11	12	103	2	9	4	15
9. Childbirth, Diseases of the Uterus, &c.	10	7	10	9	13	11	17	11	11	9	108	..	5	3	8
10. Rheumatism, Diseases of the Bones, Joints, &c.	1	2	10	6	12	11	13	8	9	7	79	1	3	..	4
11. Diseases of the Skin, Cellular Tissue, &c.	..	..	..	1	2	2	1	1	1	1	9	1	..	1	2
12. Malformations	..	..	1	1	2	2	3	3	1	4	17	3	..	..	3
13. Premature Birth & Debility	18	17	17	21	17	17	30	24	22	20	203	26	1	..	27
14. Atrophy	5	11	6	9	7	17	20	29	23	14	141	18	1	1	20
15. Age	69	68	85	48	53	55	54	45	35	42	554	..	..	48	48
16. Sudden	14	8	17	9	7	8	5	4	13	15	100	..	..	..	..
17. Violence, Privation, Cold, and Intemperance	26	19	28	29	12	30	23	9	35	17	228	13	7	5	25
1.—Small-pox	17	3	6	20	25	10	12	27	12	11	143	11	7	..	18
Measles	3	24	22	10	19	15	6	16	24	17	156	35	..	..	35
Scarlatina	9	5	27	32	18	13	12	57	38	19	230	8	..	..	8
Hooping Cough	61	39	37	40	49	44	32	31	59	36	428	62	..	..	62
Croup	8	5	10	8	5	4	3	10	8	8	69	11	..	..	11
Thrush	3	2	5	2	3	3	5	3	7	2	35	2	..	..	2
Diarrhœa	5	3	4	6	6	10	15	13	18	19	99	10	..	2	12
Dysentery	1	1	2	3	2	3	5	..	5	3	25	1	2	..	3
Cholera	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Influenza	8	2	1	2	1	1	4	11	3	3	36	2	4	6	12
Purpura and Scurvy	..	..	..	..	2	..	1	1	1	1	6	..	..	..	..
Ague	..	..	..	1	..	2	1	1	1	..	6	..	..	..	..
Remittent Fever	1	1	..	..	..	1	3	2	2	..	10	3	..	..	3
Infantile Fever	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Typhus	19	17	58	41	23	36	29	62	46	35	366	14	16	7	37
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	2	2	7	11	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	1	..	1	2	..	3	..	3
Erysipelas	4	2	2	6	10	9	10	8	12	8	71	1	3	1	5
Syphilis	..	2	1	1	1	4	2	4	8	1	24	2	1	..	3
Noma (or Canker)	*	*	*	*	..	..	..	3	1	..	4	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	3	2	5	3	4	..	..	1	3	9	30	..	3	..	3
Dropsy	45	35	46	25	37	15	22	15	24	17	281	..	5	6	11
Abscess	3	1	2	2	1	2	..	1	1	5	18	..	..	..	..
Ulcer	..	1	1	1	1	2	3	..	3	1	13	..	..	..	..
Fistula	..	..	1	..	1	..	1	..	..	..	3	..	..	..	..
Mortification	3	6	2	9	4	6	1	4	6	3	44	..	1	3	4
Cancer	8	8	8	16	13	15	21	13	14	18	134	1	17	3	21
Gout	1	..	2	4	1	2	1	2	1	2	16	..	2	2	4
3.—Scrofula	6	2	4	4	2	5	8	13	13	9	66	9	1	..	10
Tabes Mesenterica	6	8	9	8	5	16	12	13	11	8	96	16	..	..	16
Phthisis (or Consumption)	174	146	150	142	173	147	151	136	159	122	1500	20	82	6	108
Hydrocephalus	49	43	44	37	36	31	42	29	34	22	367	33	1	..	34

† See Note, page 123.

in the SIXTEENTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851			
	45°·3	46°·3	51°·4	52°·3	44°·3	50°·5	42°·8	49°·1	37°·1	48°·9	Mean 46°·8	46°·3—Apr. 19.			
	Apr. 24	Apr. 23	Apr. 22	Apr. 20	Apr. 19	Apr. 18	Apr. 17	Apr. 22	Apr. 21	Apr. 20	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
4.—Cephalitis	16	14	20	8	9	8	6	13	13	10	117	9	4	1	14
Apoplexy	18	12	18	22	17	30	22	26	31	28	224	2	9	8	19
Paralysis	11	23	12	24	25	18	25	6	17	16	177	..	8	14	22
Delirium Tremens	..	..	2	1	1	2	3	1	2	4	16	..	2	..	2
Chorea	1	..	..	1	..	..	..	..	..	2	4	..	..	..	..
Epilepsy	5	2	3	3	5	7	9	5	3	8	50	..	7	3	10
Tetanus	..	..	..	1	2	..	..	..	..	..	3	..	1	..	1
Insanity	..	2	1	..	1	1	4	1	..	1	11	..	..	1	1
Convulsions	54	61	41	40	54	52	37	35	45	35	454	39	..	..	39
Disease of Brain, &c.	7	10	7	4	10	12	19	14	10	9	102	4	6	2	12
5.—Pericarditis	..	2	1	4	1	..	8	2	1	3	22	1	2	..	3
Aneurism	..	..	..	..	1	..	1	3	..	1	6	..	1	..	1
Disease of Heart, &c.	22	15	27	21	26	30	45	20	35	30	271	4	21	12	37
6.—Laryngitis	1	..	1	2	..	3	2	6	5	5	25	2	..	..	2
Bronchitis	13	6	17	22	30	47	68	73	76	56	408	27	18	38	83
Pleurisy	..	4	6	1	3	6	6	5	5	2	38	..	1	..	1
Pneumonia	58	67	78	57	81	73	57	69	69	64	673	35	15	2	52
Asthma	25	16	12	12	15	21	23	19	17	9	169	..	8	11	19
Disease of Lungs, &c.	19	14	16	19	13	15	11	13	9	5	134	3	7	4	14
7.—Teething	15	17	16	7	14	15	10	6	7	9	116	14	..	..	14
Quinsey	..	2	2	3	1	1	1	3	1	1	15	2	..	..	2
Gastritis	24	11	14	..	1	2	..	2	1	1	97	1	1	2	4
Enteritis				9	10	8	6	..	6	2		2	1	2	5
Peritonitis	1	1	2	1.	2	7	3	6	1	4	28	1	1	2	4
Ascites	..	..	..	1	..	4	4	5	5	4	23	..	2	..	2
Ulceration (of Intestines)	4	..	1	1	4	2	..	1	3	..	16	1	2	..	3
Hernia	2	1	3	1	1	1	3	4	2	4	22	..	1	1	2
Ileus	..	3	1	1	2	7	1	3	3	..	21	2	1	2	5
Intussusception	..	..	..	..	..	..	2	1	2	1	6	..	..	..	..
Stricture of Intestinal Canal	1	1	..	..	1	1	1	..	2	4	11	..	1	..	1
Disease of Stomach, &c.	3	5	5	2	3	14	9	7	7	4	59	1	1	1	3
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	2	4	2	..	2	2	1	2	2	5	22	..	3	1	4
Jaundice	3	4	1	2	..	5	1	3	1	1	21	3	1	2	6
Disease of Liver	8	4	11	11	8	9	16	8	17	4	96	1	4	2	7
Disease of Spleen	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
8.—Nephritis	..	1	1	1	1	1	..	..	..	..	5	..	2	..	2
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	3	..	2	5	1	1	1	3
Ischuria	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Diabetes	..	2	..	..	1	1	..	1	2	..	7	..	..	..	..
Stone	..	..	..	1	..	1	..	..	1	1	4	..	..	..	..
Cystitis	..	..	..	..	1	2	..	..	..	1	4	..	..	..	..
Stricture of Urethra	..	..	2	1	2	..	3	2	2	2	14	..	2	..	2
Disease of Kidneys, &c.	7	7	3	6	10	7	6	6	5	6	63	1	4	3	8
9.—Paramenia	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Ovarian Dropsy	2	..	..	..	1	2	5	3	1	2	16	..	..	1	1
Childbirth (*see* Metria)	5	4	10	7	8	6	10	4	5	3	62	..	1	..	1
Disease of Uterus, &c.	3	3	..	2	4	3	2	3	5	4	29	..	4	2	6
10.—Arthritis	..	..	..	..	1	..	1	..	..	..	2	..	1	..	1
Rheumatism	1	..	3	..	..	4	6	5	4	4	27	1	1	..	2
Disease of Joints, &c.	..	2	7	6	11	7	6	3	5	3	50	..	1	..	1
11.—Carbuncle	..	..	..	..	1	..	..	..	..	1	2	..	..	..	..
Phlegmon	..	..	..	1	1	1	..	..	..	..	3	..	..	..	..
Disease of Skin, &c.	..	..	..	..	..	1	1	1	1	..	4	1	..	1	2
17.—Intemperance	1	..	..	1	1	2	1	..	..	..	6	..	..	..	..
Privation of Food	2	..	..	1	..	..	..	..	3	..	6	..	..	1	1
Want of Breast-milk	*	*	*	*	*	*	*	2	3	5	10	3	..	..	3
Neglect	*	*	*	*	*	*	*	1	..	..	1	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	..	4	..	4	..	1	..	1
Burns and Scalds	*	*	*	*	*	*	*	1	9	2	12	3	1	..	4
Hanging and Suffocation	*	*	*	*	*	*	*	2	2	5	9	..	1	..	1
Drowning	*	*	*	*	*	*	*	..	1	..	1	1	1	..	2
Fractures	*	*	*	*	*	*	*	3	11	3	17	6	2	2	10
Wounds	*	*	*	*	*	*	*	..	2	2	4	..	..	1	1
Other Violence	*	*	*	*	*	*	*	..	..	..	..	..	1	1	2
All Violence	23	19	28	27	11	28	22	6	29	12	205	10	7	4	21
Causes not specified	6	8	12	..	3	3	..	3	13	6	54	..	..	..	24†

† See Note, page 123.

DEATHS Registered in the SIXTEENTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			45°·3	46°·3	51°·4	52°·3	44°·3	50°·5	42°·8	49°·1	37°·1	48°·9	Mean 46°·8	46°·3
			Apr. 24	Apr. 23	Apr. 22	Apr. 20	Apr. 19	Apr. 18	Apr. 17	Apr. 22	Apr. 21	Apr. 20	Sum of 10 Weeks.	Apr. 19,
	1831	1841	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1654994	1948369	906	809	961	846	928	967	981	991	1089	866	9344	998
1–6. WEST DISTRICTS .	252761	301189	131	119	150	127	146	146	139	132	176	123	1389	174
7–11. NORTH DISTRICTS .	306185	376568	162	163	190	180	183	161	199	202	207	206	1853	204
12–19. CENTRAL DISTRICTS	355502	374199	197	156	168	147	174	188	174	191	197	143	1735	182
20–25. EAST DISTRICTS .	330736	393067	203	172	210	171	189	210	197	205	254	167	1978	194
26–36. SOUTH DISTRICTS .	409810	503346	213	199	243	221	236	262	272	261	255	227	2389	244
1. Kensington . . HL	52981	74898	27	34	30	27	31	39	35	28	30	34	315	50
2. Chelsea . . . *W*H	32371	40243	21	15	23	18	27	17	24	19	26	18	208	24
3. St.GeorgeHanover-sq.H	58209	66657	35	32	40	17	28	36	17	34	37	21	297	32
4. Westminster HHPP	48177	56802	23	16	23	36	32	27	34	25	51	20	287	42
5. St.Martin-in-the-Flds. H	23970	25132	12	13	16	18	15	10	13	16	15	19	147	10
6. St. James Westminster	37053	37457	13	9	18	11	13	17	16	10	17	11	135	16
7. Marylebone . . . H	122206	138383	77	72	74	92	68	61	70	61	66	80	721	61
8. Hampstead	8588	140078	*	*	*	*	*	*	2	3	3	1	9	3
9. Pancras . . *W*HH	103548		53	53	73	57	78	64	84	93	87	70	712	71
10. Islington . . . HP	37316	55779	16	25	31	24	24	15	27	32	31	37	262	46
11. Hackney . . . . H	34527	42328	16	13	12	7	13	21	16	13	20	18	149	23
12. St. Giles	52907	54378	27	28	27	17	29	28	30	16	40	22	264	41
13. Strand (wkh. in 9) . H	42015	43667	27	19	18	12	18	22	19	24	23	12	194	17
14. Holborn	42696	44532	21	17	11	16	21	20	18	23	27	23	197	20
15. Clerkenwell . . PP	47634	56799	32	25	24	28	15	30	20	27	21	27	249	23
16. St. Luke (wkh. in 20) L	46642	49908	34	26	29	17	27	14	32	37	25	14	255	21
17. East London . . . P.	38311	39718	11	13	12	7	22	19	16	20	24	6	150	21
18. West London *W*HPPP	28217	29188	26	15	24	30	23	33	22	25	21	23	242	13
19. City of Lon. (wkh. in 25)	57080	56009	19	13	23	20	19	22	17	19	16	16	184	26
20. Shoreditch . . *W*L	68564	83564	57	34	52	42	38	37	39	46	61	37	443	41
21. Bethnal Green . . L	62018	74206	30	43	30	31	38	37	28	35	42	26	340	27
22. Whitechapel . . . H	64141	71879	51	29	47	27	37	37	46	40	64	32	410	27
23. St. George-in-the-East .	38505	41416	17	17	26	21	21	25	22	28	14	17	208	26
24. Stepney . . . . H	72442	90831	43	34	38	36	38	51	48	41	52	39	420	47
25. Poplar . . . *W*L	25066	31171	5	15	17	14	17	23	14	15	21	16	157	26
26. St. Saviour . . HH	31711	33027	15	14	13	15	22	17	18	10	19	11	154	16
27. St. Olave . . . HH	20021	19869	20	13	17	19	23	16	28	14	24	17	191	23
28. Bermondsey	29741	35002	21	14	26	15	19	19	14	26	28	14	196	18
29. St. Geo. Southwk. LPP	39769	46718	22	21	28	18	28	26	21	17	23	21	225	23
30. Newington . . . P	44526	54693	21	21	31	17	22	27	24	30	20	25	238	20
31. Lambeth	87856	116072	53	51	59	46	46	57	60	60	46	51	529	51
32. Wandsworth . . . L	33090	39918	*	*	*	15	13	21	15	22	19	19	124	18
33. Camberwell . . LL	28231	39931	15	24	16	17	14	35	23	13	16	14	187	20
34. Rotherhithe	12875	13940	9	8	6	6	4	4	8	7	5	4	61	6
35. Greenwich . HHHP	63564	81125	37	33	47	53	45	40	50	57	44	41	447	36
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	11	5	11	10	37	13

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 9344; which, divided by 10, gives 934 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 934 divided by 11 is about 85, which added to 934, makes the corrected average 1019. The corrected average for small-pox, or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 143 in 10 weeks; the average was 14; the corrected average 15. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5{\cdot}5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary]	1	.	1
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	1	.	1
2 *St. George Hanover Square* [*Chelsea N.W.*]	.	1	1
3 St. George Hanover Square [May Fair]	3	.	3
4 Westminster [St. Margaret]	6	3	9
5 St. Martin-in-the-Fields [Charing Cross]	.	.	.
6 St. James Westminster [Golden Square]	2	1	3
7 Marylebone [Rectory]	5	5	10
9 *Strand* [*Tottenham Court*]	2	2	4
9 Pancras [Camden Town]	4	1	5
10 Islington [West]	6	1	7
11 Hackney [Hackney]	2	.	2
12 St. Giles [South]	.	.	.
14 Holborn [St. Andrew East]	2	6	8
15 Clerkenwell [St. James]	.	1	1
17 East London [St. Botolph]	.	3	3
18 *East London* [*West London North*]	1	.	1
18 West London [North]	1	1	2
20 Shoreditch [Haggerstone West]	3	1	4
20 *St. Luke* [*Hoxton New Town*]	.	.	.
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	1	.	1
22 Whitechapel [North]	.	.	.
23 St. George-in-the-East [St. John]	.	6	6
24 Stepney [Shadwell]	.	.	.
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	2	.	2
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	1	.	1
25 *London City* [*Bow*]	.	.	.
25 Poplar [Poplar]	2	.	2
26 St. Saviour [Christchurch]	.	.	.
27 St. Olave [St. John Horselydown]	.	1	1
28 Bermondsey [St. Mary Magdalen]	.	.	.
29 St. George Southwark [Borough Road]	1	2	3
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2nd]	.	2	2
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	1	.	1
33 Camberwell [Camberwell]	.	1	1
34 Rotherhithe	1	.	1
35 Greenwich [East]	1	2	3
36 Lewisham [Village]	2	1	3
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	51	41	92

HOSPITALS.	M.	F.	T.
Military and Naval Asylums :—			
35 Royal Hospital Greenwich [East] Pensioners	3	.	3
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	.	.	.
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	3	.	3
General Hospitals :—			
3 St. George [Belgrave]	3	.	3
4 Westminster [St. Margaret]	.	1	1
5 Charing Cross [Charing Cross]	1	2	3
7 Middlesex [All Souls]	1	1	2
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	1	1	2
13 King's College [St. Clement Danes]	.	2	2
18 St. Bartholomew [West London North]	3	1	4
22 London [Whitechapel Church]	2	1	3
27 Guy's [St. Olave and St. Saviour]	12	5	17
27 St. Thomas [St. Olave & St. Saviour]	4	2	6
Total	27	16	43
Hospitals for Special Diseases :—			
10 Small Pox [Islington West]	4	1	5
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	2	.	2
Total	6	1	7

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c. :—			
1 Kensington House [Town]	1	.	1
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	1	.	1
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	.	1
33 Peckham House [Camberwell]	.	1	1
33 Camberwell House [Camberwell]	2	.	2
Total	5	1	6
Military and Naval Hospitals :—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	5	.	5
Total	5	.	5
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	1	1
24 Portuguese Jews Hospital [Mile End Old Town Lower]	1	.	1
Total	1	1	2

PRISONS.	M.	F.	T.
4 Bridewell [St. Margaret, Westminster]	.	1	1
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	1	1

	M.	F.	T.
Workhouses	51	41	92
Military and Naval Asylums	3	.	3
General Hospitals	27	16	43
Hospitals for Special Diseases	6	1	7
Lying-in Hospitals	.	.	.
Lunatic Asylums	5	1	6
Military and Naval Hospitals	5	.	5
Hospitals and Asylums for Foreigners	1	1	2
Prisons	.	1	1
Total in Public Institutions	98	61	159

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 19th April, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Difference between the Dew Point Temperature and Air Temperature. Greatest.	Difference between the Dew Point Temperature and Air Temperature. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure in lbs. on the square foot. Greatest.	Osler's. Pressure in lbs. on the square foot. Least.	Osler's. Pressure in lbs. on the square foot. Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
MARCH.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	13	Perigee.	29·830	52·0	32·4	41·8	35·6	..	25·5	..	43·5	6·2	9·0	2·6	— 4·5	Calm.	E.	0·0	0·0	0·0	60	0·00
MONDAY .	14	In Equa.	29·794	48·0	33·1	41·2	35·7	55·0	34·0	..	43·0	5·5	10·9	4·4	— 5·2	E. and N.E.	N.E.	0·0	0·0	0·0	75	0·00
TUESDAY .	15	Full.	29·697	49·3	38·9	42·7	36·9	54·0	36·0	..	43·5	5·8	9·5	4·8	— 3·9	N.E.	E.	0·0	0·0	0·0	75	0·00
WEDNESDAY	16	..	29·727	54·0	39·5	41·2	37·1	60·0	38·0	..	..	4·1	10·0	3·5	— 5·6	E.	E.	2·0	0·0	0·2	115	0·02
THURSDAY .	17	..	29·707	64·1	43·5	52·8	46·2	77·0	38·0	48·6	45·5	6·6	10·8	3·3	+ 5·8	S.S.W.	S.	2·0	0·0	0·2	110	0·00
FRIDAY .	18	..	29·796	64·0	45·4	53·3	48·9	70·8	28·0	49·6	45·5	4·4	11·1	2·3	+ 6·1	S.	S.W. and W.	2·3	0·0	0·3	80	0·00
SATURDAY	19	..	29·883	64·0	38·9	51·0	39·6	83·0	28·0	50·6	46·7	11·4	21·6	4·6	+ 3·7	S.W.	S.W.	0·0	0·0	0·0	75	0·00
MEANS . .		..	29·776	56·5	38·8	46·3	40·0	66·6	32·5	3 days 49·6	44·6	6·3	11·8	3·6	— 0·5	E. and S.W.		..	..	..	Sum 590	Sum 0·02
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	April 18d. 11h. and 19d. 3h. positive and tension weak.
MONDAY . .	
TUESDAY .	
WEDNESDAY	
THURSDAY .	
FRIDAY . .	
SATURDAY .	

GENERAL REMARKS.

SUNDAY . . The sky was for the most part covered with cloud during the morning and afternoon, and clear at night.

MONDAY . . The sky was overcast throughout the day; cirrostratus.

TUESDAY . The sky was overcast throughout the day; cirrostratus.

WEDNESDAY The sky was overcast till near noon; three-fourths covered during the afternoon, and overcast at night; cumuli, cumulostrati and cirrostrati. Rain fell occasionally.

THURSDAY . The sky was overcast till noon, during the remainder of the day the amount of cloud was variable; cumulostrati, cirrostrati, and fleecy clouds.

FRIDAY . . Light clouds prevailed during the morning; at other times during the day the sky was almost cloudless.

SATURDAY . The sky was generally one-half covered with light cloud during the morning, and it was for the most part clear afterwards.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12, are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 49·0°; and the mean reading at 9h. P.M. was 47·0°; the mean readings at the Royal Observatory for the same times were 44·6° and 42·8° respectively.

The maximum thermometer was out of order at the beginning of the week, and was afterwards broken; it was replaced by a new one April 16th.

The reading of the barometer increased from 29·82 in. at the beginning of the week to 29·84 in. on the 13th at 10 A.M.; decreased to 29·69 in. by 3h. P.M. on the 15th; increased to 29·76 in. by 9h. A.M. on the 16th; decreased to 29·68 in. by 9 A.M. on the 17th; increased to 29·92 in. by 9 A.M. on the 19th; and after noon began to decrease, and the reading at the end of the week was 29·84 in.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, April 26. [No. 17.

HEALTH OF LONDON DURING THE WEEK.

The deaths registered in the Metropolitan districts in the week ending last Saturday, were 1075. The mortality, which was of unusual amount throughout March, but in the subsequent three weeks of April showed a disposition to decline, again exhibits a considerable excess above what is usually experienced at this period of the year. Last week was the seventeenth of the year: taking the same week in each of the 10 years 1841-50, it appears that the deaths did not rise in any instance so high as in last week, that in 1849 they rose to 1058, but in most cases scarcely exceeded 900. The average of the ten corresponding weeks was 904, which if corrected for assumed increase of population, becomes 986. Above this estimated result there was an increase last week, amounting to 89.

Compared with that of the preceding week, when the deaths were 998, the present return exhibits an increase in the zymotic or epidemic, and the tubercular classes of fatal diseases, and in those diseases which affect the respiratory organs. The zymotic class numbered 217 deaths in the previous week, and has now risen to 232; the difference arising almost exclusively from measles, which has nearly doubled its number of cases within the fortnight. This complaint carried off 67 children last week, scarlatina 10, small-pox 8 children and an adult. Typhus was fatal in 32 cases, diarrhœa in 21, influenza in 7, and hooping-cough in 66. Considerably more than the usual number of children are still dying from this last-mentioned complaint, which at this period of the year does not generally exceed 43 in its weekly measure of fatality.

Other diseases which have last week been augmented in their fatal effects, are consumption, which rose in the last two weeks from 108 to 139 (the latter number not being far from the average), and pneumonia, or inflammation of the lungs, which rose from 52 to 90. The increase in this latter disease has been chiefly confined to children; and bronchitis, the mortality from which is spread more equally over all ages, actually shows a decrease.

It is shown by a comparison of deaths at different periods of life that both the youthful and aged portions of the community, but chiefly the former have latterly contributed more than the usual amount of mortality, while the ranks of the middle-aged supply less than the average number of deaths for this season of the year. The number of persons who died last week under 15 years was 544, while the average is only 394; the number at 15 years and under 60, was 299, while the average is 318; and of persons of 60 years and upwards there died 216, while the average is 188. Births recently have been unusually numerous; a fact which will be admitted to account in some degree for increased mortality among the young.

In public institutions 147 deaths were registered last week, and these are distributed in the following proportions: 83 in workhouses, 7 in military and naval asylums, 40 in hospitals, 7 in lunatic asylums, 7 in military and naval hospitals, and 3 in prisons.

Last week, the births of 771 boys, and 732 girls, in all 1503 children, were registered. In the six corresponding weeks of 1845–50, the average number of births, was 1449.

At the Royal Observatory, Greenwich, the mean height of the barometer in the week was 29·546 in. The mean temperature was 49°·9, which is about 2° above the average of the same week in 10 years. The mean daily temperature was above the average of the several days till Friday, when it fell below it. On the same day the wind, which had been in the east, west, and south-west, changed to north.

The following selections are made from the Registrars' Reports:—

In South St. Giles-in-the-fields, at 15½ Drury-lane, on 23d April, the daughter of a publican, aged 2 years, died of "measles, pneumonia, convulsions." This is the second child (says Mr. Faulkner) in the same family, registered this week, out of five children, all of whom have been ill with measles. The two fatal cases and one which is not expected to terminate favourably, have been attended with pneumonia.

In the subdistrict of Hackney-road, at 3 Trafalgar-street, on 20th April, the son of a brushmaker, aged 7 months, died of "hydrocephalus (6 weeks);" and on the 22nd April, at 5 Trafalgar-street, the son of a paper-stainer, aged 5 years, died of "scarlatina (4 days), angina maligna (2 days)." Mr. Murray describes this as "a close, crowded, and badly-drained neighbourhood."

In Clapham, North-street, on the 20th and 21st April, two sons of a carman, aged respectively 8 and 4 years, died of "scarlet fever (dropsy)," one after 6 weeks', and the other after two weeks' illness. Mr. Frost mentions that "other two children in the family are suffering from scarlatina, one of them being removed to the Hospital. The house stands in a small court, very close, confined, and badly ventilated."

BIRTHS Registered LAST WEEK, and in the SEVENTEENTH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1299	1439	1417	1511	1528	1499	1449	1503
Males. . .	689	719	718	729	776	729	727	771
Females . .	610	720	699	782	752	770	722	732

DEATHS Registered LAST WEEK, and in the SEVENTEENTH Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		907	783	898	880	904	856	981	966	1058	803	903·6	1075*
Males . .		478	422	489	457	448	447	502	515	533	391	468·2	569
Females .		429	361	409	423	456	409	479	451	525	412	435·4	506
	Ages.												
Deaths at three periods of life . .	0—15	391	341	391	386	419	368	365	470	476	333	394·0	544
	15—60	336	267	305	315	290	326	366	339	344	293	318·1	299
	60 & up.	180	170	194	179	195	161	249	157	223	169	187·7	216

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

* The Return of deaths from Mr. Roy, Registrar of the sub-district of Hammersmith St. Paul, and Mr. V. Yardley, Registrar of St. Giles, Bloomsbury, were not received in time for insertion in the Tables. Averages of 6 and 10, derived from the previous 6 weeks, are substituted, and in the Table of *Causes* are placed to *Causes not specified*. The true numbers are now ascertained to be 0 and 5.

BIRTHS and DEATHS registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Feb. 1.	Feb. 8.	Feb. 15.	Feb. 22.	Mar. 1.	Mar. 8.	Mar. 15.	Mar. 22.	Mar. 29.	Apr. 5.	Apr. 12.	Apr. 19.	Apr. 26.
BIRTHS	1537	1604	1576	1567	1591	1580	1533	1580	1780	1560	1536	1425	1503
DEATHS	1041	1109	1036	1213	1148	1247	1401	1412	1418	1059	1042	998	1075
DEATHS (except from Violence) . . .	1029	1074	1006	1187	1125	1242	1378	1387	1289	1036	1033	977	1058
Deaths (except from Violence) at 60 years and upwards . .	230	240	204	296	255	302	360	384	295	226	225	205	212
Scarlatina	16	15	20	9	19	20	16	15	10	6	13	8	10
Typhus	48	34	43	35	31	36	43	54	38	32	25	37	32
Diarrhœa & Dysentery	29	18	19	18	22	16	17	19	22	14	18	15	22
Cholera	..	..	..	..	..	2	1	1	1	..	..	..	..
Mean Temperature .	41°·1	40°·5	39°·6	42°·5	37°·6	39°·4	40°·5	44°·9	46°·3	43°·5	40°·3	46°·3	49°·9

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child-birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," or "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite the above heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 49°·9—Apr. 26.			
	56°·7	53°·9	45°·0	54°·7	51°·2	45°·1	44°·7	44°·0	45°·9	46°·8	Mean 48°·8				
	May 1 1841	Apr. 30 1842	Apr. 29 1843	Apr. 27 1844	Apr. 26 1845	Apr. 25 1846	Apr. 24 1847	Apr. 29 1848	Apr. 28 1849	Apr. 27 1850	Sum of 10 Weeks	0	15	60	All Ages.
ALL CAUSES	907	783	898	880	904	856	981	966	1058	803	9036	544	299	216	1075†
SPECIFIED CAUSES	894	778	883	877	903	852	978	966	1041	796	8968	544	299	214	1057
1. Zymotic Diseases	139	120	186	163	144	149	150	238	233	150	1672	199	20	13	232
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	69	53	50	63	57	36	62	35	43	39	507	5	17	18	40
3. Tubercular Diseases	208	186	170	223	204	205	189	219	197	147	1948	74	110	12	196
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	131	114	102	121	111	106	137	105	127	100	1154	64	37	30	131
5. Diseases of the Heart and Blood-vessels	21	18	24	34	38	31	38	34	42	31	311	1	24	11	36
6. Diseases of the Lungs, and of the other Organs of Respiration	122	105	123	86	138	125	181	148	194	112	1334	97	46	54	197
7. Diseases of the Stomach, Liver, and other Organs of Digestion	67	47	62	49	71	55	64	48	65	55	583	33	15	13	61
8. Diseases of the Kidneys, &c.	12	4	12	5	13	15	9	7	6	13	96	..	4	8	12
9. Childbirth, Diseases of the Uterus, &c.	8	4	10	9	7	15	16	9	9	14	101	..	11	1	12
10. Rheumatism, Diseases of the Bones, Joints, &c.	4	4	7	7	3	6	15	10	4	12	72	3	6	1	10
11. Diseases of the Skin, Cellular Tissue, &c.	..	3	..	..	..	..	2	1	1	2	9	1	..	1	2
12. Malformations	..	..	..	1	1	1	4	3	1	4	15	1	..	..	1
13. Premature Birth & Debility	24	19	14	9	20	19	10	19	16	22	172	29	..	..	29
14. Atrophy	5	2	10	7	13	18	15	28	22	16	136	22	1	1	24
15. Age	59	61	73	55	56	47	57	40	44	28	520	..	..	45	45
16. Sudden	10	18	12	11	13	5	12	6	14	23	124	4	1	2	7
17. Violence, Privation, Cold, and Intemperance	15	20	28	34	14	19	17	16	23	28	214	11	7	4	22
1.—Small-pox	24	4	10	31	18	9	12	28	15	7	158	8	1	..	9
Measles	11	20	23	10	18	19	7	27	27	17	179	67	..	..	67
Scarlatina	9	12	18	35	16	15	11	44	47	21	228	10	..	..	10
Hooping Cough	40	40	50	27	42	48	31	25	51	35	389	66	..	..	66
Croup	9	9	6	11	6	7	3	6	10	5	72	5	..	..	5
Thrush	5	5	3	..	3	2	1	1	1	..	21	5	..	..	5
Diarrhœa	8	2	4	3	5	10	21	9	16	11	89	15	1	5	21
Dysentery	1	2	..	..	2	1	3	3	2	3	17	..	1	..	1
Cholera	..	..	1	..	..	1	..	2	1	1	6	..	..	..	..
Influenza	3	1	1	3	1	..	1	7	3	4	24	2	1	4	7
Purpura and Scurvy	..	..	1	1	1	..	5	2	..	2	12	..	..	..	..
Ague	1	..	..	..	..	1	1	..	..	..	3	..	..	..	..
Remittent Fever	..	1	..	1	1	2	1	1	3	2	12	2	..	..	2
Infantile Fever	*	*	*	*	*	*	*	..	..	1	1	1	..	..	1
Typhus	23	18	62	38	23	23	41	67	34	25	354	17	12	3	32
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	3	8	3	14	..	2	..	2
Rheumatic Fever	*	*	*	*	*	*	*	1	1	1	3	..	1	..	1
Erysipelas	5	6	6	2	6	9	9	9	7	9	68	1	1	1	3
Syphilis	..	..	1	1	1	2	3	1	7	2	18	..	..	..	..
Noma (or Canker)	*	*	*	*	1	..	..	2	..	1	4	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	5	3	1	2	1	..	10	1	2	2	27	..	2	2	4
Dropsy	48	32	32	46	34	10	31	18	9	14	274	3	7	9	19
Abscess	2	5	..	..	..	2	2	1	1	1	14	1	..	..	1
Ulcer	..	..	..	1	..	..	3	..	..	..	4	..	..	..	..
Fistula	..	1	..	..	1	..	3	..	..	..	5	..	..	..	..
Mortification	2	4	9	5	4	3	2	3	3	2	37	..	..	5	5
Cancer	10	6	8	6	17	20	9	12	27	20	135	1	8	1	10
Gout	2	2	..	3	..	1	2	..	1	..	11	..	..	1	1
3.—Scrofula	3	2	..	..	3	7	2	9	7	5	38	8	2	..	10
Tabes Mesenterica	3	3	6	11	12	12	17	17	24	13	118	17	..	..	17
Phthisis (or Consumption)	153	151	124	162	151	152	141	147	136	110	1427	21	107	11	139
Hydrocephalus	49	30	40	50	38	34	29	46	30	19	365	28	1	1	30

* See Note, page 131.

† See Note, page 131.

in the SEVENTEENTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851			
	56°·7	53°·9	45°·0	54°·7	51°·2	45°·1	44°·7	44°·0	45°·9	46°·8	Mean 48°·8	49°·9—Apr. 26.			
	May 1	Apr. 30	Apr. 29	Apr. 27	Apr. 26	Apr. 25	Apr. 24	Apr. 29	Apr. 28	Apr. 27	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
4.—Cephalitis	10	7	15	11	10	7	17	13	9	10	109	8	4	..	12
Apoplexy	19	20	21	21	25	17	28	20	30	22	223	2	10	7	19
Paralysis	11	10	17	13	8	20	32	18	20	21	170	..	9	14	23
Delirium Tremens	1	5	1	3	1	3	3	3	2	1	23	..	2	..	2
Chorea	1	1	..	..	..	..	..	..	..	..	2	..	1	..	1
Epilepsy	4	6	1	6	3	4	9	3	5	10	51	4	2	..	6
Tetanus	2	..	..	..	..	..	..	2	..	..	4	..	1	..	1
Insanity	1	1	2	2	..	3	..	..	3	1	13	..	2	1	3
Convulsions	71	56	41	54	47	42	38	34	41	23	447	44	..	..	44
Disease of Brain, &c.	11	8	4	11	17	10	10	12	17	12	112	6	6	8	20
5.—Pericarditis	1	..	2	3	4	6	3	..	3	2	24	..	1	1	2
Aneurism	..	..	..	1	..	..	1	..	..	3	5	..	..	..	..
Disease of Heart, &c.	20	18	22	30	34	25	34	34	39	26	282	1	23	10	34
6.—Laryngitis	2	..	1	2	1	2	7	4	4	4	27	4	..	1	5
Bronchitis	19	9	15	11	22	44	70	49	91	46	376	24	19	30	73
Pleurisy	1	2	1	1	7	1	3	9	4	4	33	1	1	1	3
Pneumonia	61	67	67	41	78	53	67	72	65	49	620	66	16	8	90
Asthma	24	11	24	15	17	11	20	6	19	6	153	..	6	12	18
Disease of Lungs, &c.	15	16	15	16	13	14	14	8	11	3	125	2	4	2	8
7.—Teething	15	16	14	11	15	10	5	6	15	11	118	15	..	..	15
Quinsey	..	..	2	1	2	..	..	..	2	2	9	..	1	..	1
Gastritis, Enteritis	19	12	22	3 / 19	1 / 12	1 / 6	2 / 5	1 / 8	1 / 9	1 / 6	128	.. / 6	.. / 1	2 / ..	2 / 7
Peritonitis	2	1	..	..	5	4	4	5	4	3	28	..	4	..	4
Ascites	1	..	3	..	1	3	1	4	4	2	19	..	..	1	1
Ulceration (of Intestines)	..	1	1	1	4	2	4	1	3	2	19	1	..	..	1
Hernia	2	2	3	1	3	5	2	..	5	4	27	1	1	4	6
Ileus	2	2	1	1	4	4	4	3	3	2	26	2	..	1	3
Intussusception	1	..	..	..	..	2	2	..	1	1	7	1	..	..	1
Stricture of Intestinal Canal	3	..	2	..	1	2	1	1	2	..	12	..	..	1	1
Disease of Stomach, &c.	3	1	5	6	4	3	8	6	4	6	46	2	1	2	5
Disease of Pancreas	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
Hepatitis	2	1	1	1	4	1	5	..	1	3	19	2	1	1	4
Jaundice	2	2	1	2	4	1	3	1	3	..	19	1	..	..	1
Disease of Liver	15	9	7	3	10	11	18	12	7	12	104	1	6	1	8
Disease of Spleen	..	..	..	..	..	..	..	..	1	..	1	1	..	..	1
8.—Nephritis	1	..	2	1	..	..	..	1	..	..	5	..	..	1	1
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	1	2	4	7	..	..	..	..
Ischuria	3	..	..	..	..	..	..	..	..	..	3	..	..	2	2
Diabetes	..	..	1	..	1	2	..	..	..	..	4	..	1	..	1
Stone	..	1	..	1	..	..	1	1	..	1	5	..	1	..	1
Cystitis	1	..	..	..	1	1	1	1	..	3	8	..	..	..	..
Stricture of Urethra	..	..	1	..	3	1	1	1	..	..	7	..	..	..	..
Disease of Kidneys, &c.	7	3	8	3	8	11	6	2	4	5	57	..	2	5	7
9.—Paramenia	..	..	1	1	..	..	..	..	..	1	3	..	1	..	1
Ovarian Dropsy	..	..	..	1	..	1	1	..	..	1	4	..	..	..	..
Childbirth (*see* Metria)	5	4	6	6	6	12	12	7	7	9	74	..	7	..	7
Disease of Uterus, &c.	3	..	3	1	1	2	3	2	2	3	20	..	3	1	4
10.—Arthritis	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Rheumatism	..	2	4	1	3	5	8	5	2	8	38	1	4	1	6
Disease of Joints, &c.	4	2	3	6	..	1	6	5	2	4	33	2	2	..	4
11.—Carbuncle	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Phlegmon	..	..	..	..	..	..	1	..	1	1	3	..	..	1	1
Disease of Skin, &c.	..	3	..	..	..	..	1	1	..	1	6	1	..	..	1
17.—Intemperance	..	..	..	1	1	..	..	1	2	1	6	..	..	..	..
Privation of Food	..	..	..	..	..	..	..	1	1	..	2	..	1	..	1
Want of Breast-milk	*	*	*	*	*	*	*	2	4	4	10	4	..	..	4
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	5	2	4	11	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	1	..	3	4	1	2	..	3
Hanging and Suffocation	*	*	*	*	*	*	*	2	..	6	8	3	..	..	3
Drowning	*	*	*	*	*	*	*	..	6	2	8	..	2	..	2
Fractures	*	*	*	*	*	*	*	3	5	6	14	3	2	4	9
Wounds	*	*	*	*	*	*	*	1	1	..	2	..	..	..	..
Other Violence	*	*	*	*	*	*	*	..	2	2	4	..	..	..	..
All Violence	15	20	28	33	13	19	17	12	16	23	196	7	6	4	17
Causes not specified	13	5	15	3	1	4	3	..	17	7	68	..	..	2	18†

* See Note, page 131.

† See Note, page 131.

DEATHS Registered in the SEVENTEENTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			56°·7	53°·9	45°·0	54°·7	51°·2	45°·1	44°·7	44°·0	45°·9	46°·8	Mean 48°·8	49°·9
	1831	1841	May 1 1841	Apr. 30 1842	Apr. 29 1843	Apr. 27 1844	Apr. 26 1845	Apr. 25 1846	Apr. 24 1847	Apr. 29 1848	Apr. 28 1849	Apr. 27 1850	Sum of 10 Weeks.	Apr. 26, 1851
LONDON	1654994	1948369	907	783	898	880	904	856	981	966	1058	803	9036	1075
1–6. WEST DISTRICTS .	252761	301189	141	129	125	134	157	123	135	167	179	141	1431	169
7–11. NORTH DISTRICTS .	306185	376568	171	138	181	149	180	182	183	168	198	186	1736	213
12–19. CENTRAL DISTRICTS	355502	374199	194	165	160	178	154	154	179	127	195	120	1626	188
20–25. EAST DISTRICTS .	330736	393067	178	158	211	172	168	177	220	224	201	157	1866	211
26–36. SOUTH DISTRICTS .	409810	503346	223	193	221	247	245	220	264	280	285	199	2377	294
1. Kensington . . HL	52981	74898	34	24	28	28	26	31	35	45	46	41	338	54
2. Chelsea . . . *W*H	32371	40243	27	23	13	20	40	18	22	24	28	17	232	34
3. St.GeorgeHanover-sq.H	58209	66657	26	34	17	30	34	19	27	36	29	33	285	19
4. Westminster HHPP	48177	56802	29	26	42	20	34	23	25	29	40	25	293	31
5. St.Martin-in-the-Flds. H	23970	25132	12	7	17	13	8	17	12	17	19	10	132	14
6. St. James Westminster	37053	37457	13	15	8	23	15	15	14	16	17	15	151	17
7. Marylebone . . . H	122206	138383	66	48	67	67	70	56	68	61	76	53	632	67
8. Hampstead	8588	140078	*	*	*	*	*	*	4	4	4	3	15	5
9. Pancras . . *W*HH	103548		67	56	80	55	62	82	71	56	71	79	679	77
10. Islington . . . HP	37316	55779	20	21	18	19	30	26	29	28	28	25	244	39
11. Hackney . . . . H	34527	42328	18	13	16	8	18	18	11	19	19	26	166	25
12. St. Giles	52907	54378	34	23	26	32	22	17	32	22	30	24	262	29
13. Strand (wkh. in 9) . H	42015	43667	22	22	19	23	14	24	21	15	25	5	190	11
14. Holborn	42696	44532	25	14	14	22	10	26	23	16	22	14	186	22
15. Clerkenwell . . PP	47634	56799	32	24	22	19	27	19	27	13	25	18	226	36
16. St. Luke (wkh. in 20) L	46642	49908	23	15	17	20	13	16	29	17	23	21	194	22
17. East London . . . P.	38311	39718	26	28	24	27	14	17	14	18	22	13	203	20
18. West London *W*HPPP	28217	29188	19	16	23	17	27	18	20	16	25	13	194	29
19. City of Lon. (wkh. in 25)	57080	56009	13	23	15	18	27	17	13	10	23	12	171	19
20. Shoreditch . . *W*L	68564	83564	47	27	38	35	50	36	53	51	47	38	422	43
21. Bethnal Green . . L	62018	74206	21	33	46	35	24	29	29	30	32	30	309	34
22. Whitechapel . . . H	64141	71879	52	30	43	31	20	45	46	49	45	22	383	41
23. St. George-in-the-East .	38505	41416	12	13	26	19	22	13	23	29	11	16	184	19
24. Stepney . . . . H	72442	90831	31	38	42	31	36	36	48	47	44	29	382	52
25. Poplar . . . *W*L	25066	31171	15	17	16	21	16	18	21	18	22	22	186	22
26. St. Saviour . . HH	31711	33027	16	22	22	22	15	19	15	24	15	13	183	28
27. St. Olave . . . HH	20021	19869	21	18	16	33	12	27	21	12	18	10	188	19
28. Bermondsey	29741	35002	8	12	12	18	21	14	20	23	22	13	163	25
29. St. Geo. Southwk. LPP	39769	46718	31	17	26	21	26	23	28	27	23	18	240	25
30. Newington . . . P	44526	54693	25	21	24	27	15	18	32	31	31	17	241	35
31. Lambeth	87856	116072	49	51	52	44	59	38	52	45	63	49	502	64
32. Wandsworth . . L	33090	39918	*	*	*	14	20	20	19	19	25	12	129	15
33. Camberwell . . LL	28231	39931	18	8	26	18	27	18	24	26	25	17	207	19
34. Rotherhithe	12875	13940	5	3	8	13	2	5	12	9	10	2	69	5
35. Greenwich . HHHP	63564	81125	50	41	35	37	48	38	31	58	46	38	422	45
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	10	6	7	10	33	14

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 9036; which, divided by 10, gives nearly 904 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 904 divided by 11 is about 82, which added to 904, makes the corrected average 986. The corrected average for small-pox, or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 158 in 10 weeks; the average was 16; the corrected average 17. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5{\cdot}5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	1	2	3
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	1	1	2
2 Chelsea [North West]	.	1	1
2 *St. George Hanover Square [Chelsea N.W.]*	.	1	1
3 St. George Hanover Square [May Fair]	.	.	.
4 Westminster [St. Margaret]	1	1	2
5 St. Martin-in-the-Fields [Charing Cross]	2	2	4
6 St. James Westminster [Golden Square]	.	.	.
7 Marylebone [Rectory]	5	1	6
9 *Strand [Tottenham Court]*	.	.	.
9 Pancras [Camden Town]	3	.	3
10 Islington [West]	.	.	.
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	2	1	3
14 Holborn [St. Andrew East]	5	.	5
15 Clerkenwell [St. James]	.	.	.
17 East London [St. Botolph]	.	1	1
18 *East London [West London North]*	.	.	.
18 West London [North]	.	.	.
20 Shoreditch [Haggerstone West]	5	1	6
20 *St. Luke [Hoxton New Town]*	2	3	5
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	1	6	7
23 St. George-in-the-East [St. John]	.	1	1
24 Stepney [Shadwell]	.	1	1
24 Stepney [Ratcliff]	.	2	2
24 Stepney [Mile End Old Town Lower]	.	.	.
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	2	.	2
25 Poplar [Poplar]	.	1	1
26 St. Saviour [Christchurch]	1	.	1
27 St. Olave [St. John Horselydown]	1	.	1
28 Bermondsey [St. Mary Magdalen]	1	1	2
29 St. George Southwark [Borough Road]	1	2	3
30 Newington [St. Peter Walworth]	5	3	8
31 Lambeth [Lambeth Church 2nd]	4	4	8
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	1	1
32 Wandsworth [Battersea]	.	1	1
33 Camberwell [Camberwell]	1	.	1
34 Rotherhithe	.	.	.
35 Greenwich [East]	.	.	.
36 Lewisham [Village]	1	.	1
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	45	38	83

HOSPITALS.

Military and Naval Asylums:—

35 Royal Hospital Greenwich [East] Pensioners	5	1	6
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	1	.	1
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	6	1	7

General Hospitals:—

3 St. George [Belgrave]	4	.	4
4 Westminster [St. Margaret]	3	1	4
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	2	2	4
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	1	1	2
18 St. Bartholomew [West London North]	6	6	12
22 London [Whitechapel Church]	2	.	2
27 Guy's [St. Olave and St. Saviour]	2	4	6
27 St. Thomas [St. Olave & St. Saviour]	3	2	5
Total	23	16	39

Hospitals for Special Diseases:—

10 Small Pox [Islington West]	.	.	.
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	.	.
Total	.	.	.

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	1	.	1
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	1	.	1
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	2	1	3
33 Peckham House [Camberwell]	1	.	1
33 Camberwell House [Camberwell]	1	.	1
Total	6	1	7
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	1	.	1
4 Scots Fusilier Guards Hospital [ditto]	1	.	1
35 Royal Ordnance (Woolwich Arsenal)	3	.	3
36 Dreadnought Ship (for Seamen, Greenwich West)	2	.	2
Total	7	.	7
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	1	.	1
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	1	.	1

PRISONS.

4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	3	.	3
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	3	.	3

Workhouses	45	38	83
Military and Naval Asylums	6	1	7
General Hospitals	23	16	39
Hospitals for Special Diseases	.	.	.
Lying-in Hospitals	.	.	.
Lunatic Asylums	6	1	7
Military and Naval Hospitals	7	.	7
Hospitals and Asylums for Foreigners	1	.	1
Prisons	3	.	3
Total in Public Institutions	91	56	147

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 26th April, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
APRIL			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY	20	..	29·454	62·0	40·9	51·7	48·5	..	43·0	52·5	48·3	3·2	7·6	1·0	+ 4·3	E.	E.&S.W.	2·5	0·0	0·2	65	0·70
MONDAY	21	Greatest Dec. S.	29·493	59·0	50·5	53·5	50·9	62·0	40·0	54·0	49·5	2·6	7·8	1·0	+ 5·9	S.S.W.	S.S.W.	2·0	0·0	0·3	85	0·03
TUESDAY	22	..	29·299	52·0	46·5	49·0	48·6	65·0	33·0	54·3	50·0	0·4	3·0	0·0	+ 1·2	S.W. & N.E.	W.	0·0	0·0	0·0	95	0·55
WEDNESDAY	23	Last Qu.	29·586	61·5	41·1	51·5	45·3	85·0	28·0	54·3	50·5	6·2	15·3	1·0	+ 3·5	S.W.	S.W.	0·0	0·0	0·0	100	0·03
THURSDAY	24	..	29·658	61·0	40·1	50·6	46·3	87·0	30·0	54·5	50·5	4·3	14·4	0·0	+ 2·3	S.W.	S.W.	0·0	0·0	0·0	20	0·00
FRIDAY	25	Apogee.	29·735	55·6	42·9	47·1	44·4	77·0	24·0	54·5	50·7	2·7	11·0	2·0			& N.E.	0·0	0·0	0·0	70	0·00
SATURDAY	26	..	29·599	59·8	36·1	46·2	40·5	85·0	23·5	55·7	51·5	5·7	14·0	2·9	— 1·4	N.N.E.	N.					
															— 2·6	N.&S.W.	S.W.&N.	6·0	0·0	0·0	75	0·01
MEANS		..	29·546	58·7	42·6	49·9	46·4	76·8	31·6	54·2	50·1	3·6	10·4	1·1	+ 1·9	..		..	..	..	Sum 510	Sum 1·32
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.	
SUNDAY	Positive, and tension weak during the morning.
MONDAY	Nothing was shown throughout the day.
TUESDAY	Nothing was shown throughout the day.
WEDNESDAY	Positive, and tension strong during the afternoon.
THURSDAY	Positive, and tension strong during the afternoon.
FRIDAY	Positive, and tension strong during the afternoon & evening.
SATURDAY	Positive and negative during the afternoon; volleys of sparks and galvanic currents.

GENERAL REMARKS.

The sky was covered with cloud throughout the day. Heavy rain fell from 3 till 8h. 30m. P.M.

The sky was overcast throughout the day; cirrostratus. Rain fell frequently.

The sky was overcast during the morning and afternoon; at night the amount of cloud was variable; cirrostratus and haze. Rain fell heavily during the morning and afternoon.

The sky was three-fourths covered during the morning and afternoon, and clear at night; cumuli, cumulostrati and cirrostrati.

Three-fourths of the sky were covered during the morning, one-half covered during the afternoon, and clear at night; cirrocumuli and cirrostrati.

The sky, with slight exceptions, was covered with cloud throughout the day; cumulostratus and cirrostratus. Misty rain fell at about noon.

The sky was mostly covered with cloud throughout the day; cumuli, cumulostrati, and cirrostrati. A shower of rain fell at 2h. 40m. P.M.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 51·8°; and the mean reading at 9h. P.M. was 48·8°; the mean readings at the Royal Observatory for the same times were 51·6° and 47·6° respectively.

The reading of the barometer decreased from 29·85 in. at the beginning of the week to 29·27 in. by noon on the 22nd; increased to 29·75 in. by 9 P.M. on the 25th; and decreased to 29·56 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, May 3. [No. 18.

HEALTH OF LONDON DURING THE WEEK.

The rate of mortality that now prevails in the Metropolitan population is still higher than from the experience of late years might be expected at the beginning of May. The deaths, which in the previous week had risen to 1075, have declined in the week ending last Saturday to 994; but as the average of ten corresponding weeks is only 883, and, if raised in the supposed ratio of increase of population, does not exceed 963, it appears that there is still an excess in the mortality of the present time above the corrected average, equal to 31. It will be seen from a comparison of corresponding weeks of 1841–50, that only in one instance, which occurred in 1848, when small-pox, scarlatina, and typhus abounded, were the deaths more numerous than those registered last week.

In the previous week the number of young persons who died under the age of 15 years was 544, in the last it was 443. Hence it appears that, though this latter number is greater than usual, the health of the juvenile part of the population has improved. But the unseasonable coldness of the weather is more perceptible in its effects on the old; for in the same period the mortality of this class has increased, the deaths of persons of 60 years and upwards having been in the previous week 216, in the latter 222.

The zymotic or epidemic class of disorders exhibits little difference between last week's results and the average. Fourteen persons, all of whom were children except one, died of small-pox. A death which occurred at the Small-pox Hospital is recorded thus:—On 2nd May, a police constable from Lambeth, aged 22 years, "small-pox, confluent, unprotected (20 days)." Mr. Watts, the Registrar, adds that "the deceased had been sent up from Hampshire to be in attendance at the Exhibition, and with some others of the police was attacked with the disease and conveyed to the hospital at Upper Holloway."

Hooping-cough is on the decline, though it numbered last week 57, while the corrected average is 45. There were also 5 deaths from croup, and 11 from influenza.

In the tubercular class there are 8 deaths from scrofula, 8 from tabes mesenterica, 145

from consumption, while hydrocephalus, or water in the head, reaches the unusual number of 50. Cephalitis, or inflammation of the brain, which stands in the class of *diseases of the nervous system*, was also fatal in 19 cases, which is nearly double the usual number. The 69 deaths from the two last-mentioned complaints, cephalitis and hydrocephalus, occurred with only three exceptions among children, and exceed the corrected average by 24.

The births of 757 boys, and 730 girls, in all 1487 children, were registered in the week. The average of six corresponding weeks in 1845–50, was 1424.

At the Royal Observatory, Greenwich, the mean height of the barometer in the week was 29·537 in. The mean temperature was only 42°·8, which is 7 degrees below the average of corresponding weeks in 10 years. Having been above the average in the previous week till the last two days, the daily mean fell on Sunday and Monday to 40°·6, which is nearly 9 degrees below the average of these days; it rose gradually to 46° on Friday, nearly 5 degrees below the average, and fell again on Saturday to 40·3, which is nearly 11 degrees below the average of that day. The wind, which was in the north in the beginning of the week, afterwards changed to south and west, and on Friday and Saturday returned to north and north-west.

The following selections are made from the Registrars' Reports:—

In St. James, Westminster, at Great Windmill-street, on 3d May, the daughter of a tailor, aged 12 days, died of "variola (natural) 7 days." Mr. Walker adds, that "the mother lately died of the same disease 4 days after her confinement: she had a great horror of small-pox, having lost a sister by it at the age of 30; and a few days previous to her accouchement she was frightened by seeing a friend, who was just recovering from an attack of variola."

In Jermyn-street, on 30th April, the son of a labourer, aged 2 years, died of "measles (1 week) convulsions." Mr. Roberts states that "this child was walking with a girl who had charge of it, when it was observed to turn black in the face; a chemist in Piccadilly, to whose shop the girl took the child, went with the patient to a medical man in Jermyn-street, who pronounced it dead."

In South St. Giles-in-the-fields, at 19 Pitt's-place, on 27th April, the son of a labourer, aged 4 years, died of "small-pox." This child (says Mr. Faulkner) had not been vaccinated, as the mother thought that the operation was as likely to be hurtful as beneficial.

In St. Clement Danes, at 15 Milford-lane, on 27th April, the son of an office clerk, aged 4 months, died of "convulsions." Mr. Jones describes this as "a dirty, crowded, ill-drained lane, near the river, where the cholera made great ravages at its last visitation."

In Hackney-road sub-district, at 8 Vincent-street, on 27th April, the son of a cord-wainer, aged 7 weeks, died of "influenza (5 weeks)." Mr. Murray mentions that "this is a narrow, close, crowded, and undrained street."

BIRTHS Registered LAST WEEK, and in the EIGHTEENTH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1339	1415	1276	1536	1522	1456	1424	1487
Males. . .	701	729	622	761	801	718	722	757
Females . .	638	686	654	775	721	738	702	730

DEATHS Registered LAST WEEK, and in the EIGHTEENTH Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		790	756	879	877	883	831	983	1015	986	829	882·9	994*
Males . .		410	378	451	473	460	419	503	507	525	419	454·5	484
Females .		380	378	428	404	423	412	480	508	461	410	428·4	510
Deaths at three periods of life . .	Ages.												
	0—15	345	345	366	383	370	368	375	458	480	349	383·9	443
	15—60	278	255	332	331	303	316	367	363	336	309	319·0	321
	60 & up.	166	155	175	163	209	145	240	193	169	159	177·4	222

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

* The Returns of deaths from Eltham, a subdistrict of Lewisham, and Amwell, Clerkenwell, were not received in time for insertion in the Tables. Averages of 1 for the former and 7 for the latter, derived from the returns of the previous six weeks, are substituted, and placed in the Table of Diseases to *Causes not specified*. It is now ascertained that no death was registered in Eltham, and that 5 is the true number for Amwell.

BIRTHS and DEATHS registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Feb. 8.	Feb. 15.	Feb. 22.	Mar. 1.	Mar. 8.	Mar. 15.	Mar. 22.	Mar. 29.	Apr. 5.	Apr. 12.	Apr. 19.	Apr. 26.	May 3.
BIRTHS	1604	1576	1567	1591	1580	1533	1580	1780	1560	1536	1425	1503	1487
DEATHS	1109	1036	1213	1148	1247	1401	1412	1418	1059	1042	998	1075	994
DEATHS (except from Violence) . . .	1074	1006	1187	1125	1242	1378	1387	1289	1036	1033	977	1058	965
Deaths (except from Violence) at 60 years and upwards . .	240	204	296	255	302	360	384	295	226	225	205	212	216
Scarlatina	15	20	9	19	20	16	15	10	6	13	8	10	13
Typhus	34	43	35	31	36	43	54	38	32	25	37	32	25
Diarrhœa & Dysentery	18	19	18	22	16	17	19	22	14	18	15	22	9
Cholera	..	..	..	..	2	1	1	1	..	..	..	..	..
Mean Temperature .	40°·5	39°·6	42°·5	37°·6	39°·4	40°·5	44°·9	46°·3	43°·5	40°·3	46°·3	9°·9	42°·8

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child-birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," or "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite the above heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 42°·8—May 3.			
	53°·4	52°·4	53°·0	52°·4	53°·4	47°·4	48°·1	54°·5	55°·2	45°·5	Mean 51°·5				
	May 8	May 7	May 6	May 4	May 3	May 2	May 1	May 6	May 5	May 4	Sum of 10 Weeks	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
ALL CAUSES	790	756	879	877	883	831	983	1015	986	829	8829	443	321	222	994†
SPECIFIED CAUSES	782	747	870	873	882	829	981	1009	982	816	8776	442	319	222	983
1. Zymotic Diseases	110	108	181	169	140	124	150	271	248	159	1660	141	19	17	177
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	58	47	54	56	49	33	43	41	46	30	457	2	21	21	44
3. Tubercular Diseases	194	161	175	224	207	181	184	192	193	146	1857	84	117	10	211
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	117	115	96	101	108	116	130	127	118	108	1136	67	29	32	128
5. Diseases of the Heart and Blood-vessels	15	24	31	32	37	26	50	19	34	43	311	1	24	17	42
6. Diseases of the Lungs, and of the other Organs of Respiration	110	75	114	99	116	143	168	158	161	138	1282	51	48	47	146
7. Diseases of the Stomach, Liver, and other Organs of Digestion	37	62	62	48	62	52	66	49	50	45	533	21	27	12	60
8. Diseases of the Kidneys, &c.	5	9	2	11	6	7	11	14	13	9	87	1	6	9	16
9. Childbirth, Diseases of the Uterus, &c.	9	13	12	4	10	14	13	8	10	7	100	..	6	..	6
10. Rheumatism, Diseases of the Bones, Joints, &c.	5	7	12	8	7	10	15	9	8	6	87	4	4	1	9
11. Diseases of the Skin, Cellular Tissue, &c.	..	1	..	1	3	2	3	1	3	1	15	2	..	..	2
12. Malformations	..	2	..	3	1	4	3	3	3	6	25	2	..	..	2
13. Premature Birth & Debility	19	36	13	23	15	20	31	11	26	13	207	21	..	..	21
14. Atrophy	2	1	7	13	13	14	29	25	16	14	134	26	1	4	31
15. Age	63	56	63	45	73	35	63	54	33	30	515	..	..	45	45
16. Sudden	15	13	18	15	8	7	7	8	4	10	105	3	5	1	9
17. Violence, Privation, Cold, and Intemperance	23	17	30	21	27	41	15	19	16	51	260	16	12	6	34
1.—Small-pox	17	1	9	31	19	2	11	25	14	7	136	13	1	..	14
Measles	13	24	23	7	11	9	10	28	29	17	171	31	..	..	31
Scarlatina	8	7	24	24	9	6	13	51	41	17	200	13	..	..	13
Hooping Cough	44	26	39	39	39	48	36	31	71	36	409	57	..	..	57
Croup	4	12	9	13	11	8	2	6	4	16	85	5	..	..	5
Thrush	3	6	5	3	6	3	..	4	3	2	35	1	..	..	1
Diarrhœa	3	3	1	8	7	7	14	19	20	10	92	3	1	4	8
Dysentery	1	2	3	1	..	..	5	4	2	..	18	1	..	..	1
Cholera	..	..	..	..	..	..	..	2	4	..	6	..	..	..	..
Influenza	4	2	1	1	2	1	3	3	2	2	21	1	6	4	11
Purpura and Scurvy	..	..	..	..	..	1	1	..	1	1	4	..	..	..	..
Ague	..	..	1	1	..	1	..	1	2	..	6	..	..	..	..
Remittent Fever	..	..	1	1	..	4	1	2	1	2	12	..	..	..	..
Infantile Fever	*	*	*	*	*	*	*	..	..	..	..	1	..	..	1
Typhus	9	19	58	36	26	23	40	75	36	28	350	11	7	7	25
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	5	5	7	17	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	..	2	1	3	1	..	..	1
Erysipelas	4	6	7	3	10	8	8	11	9	9	75	1	1	2	4
Syphilis	..	..	..	1	..	3	5	3	2	3	17	2	..	..	2
Noma (or Canker)	*	*	*	*	..	..	1	1	..	1	3	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	5	4	3	3	2	2	3	..	3	2	27	1	2	..	3
Dropsy	34	28	31	34	29	19	15	13	15	4	222	1	5	11	17
Abscess	..	2	1	..	2	..	1	1	..	..	7	..	..	..	..
Ulcer	..	2	..	..	..	..	1	1	2	..	6	..	..	..	..
Fistula	..	..	2	..	1	..	..	..	1	1	5	..	..	..	..
Mortification	6	3	3	2	6	..	2	8	5	3	38	..	1	5	6
Cancer	11	7	12	17	9	12	21	16	18	18	141	..	11	5	16
Gout	2	1	2	..	..	..	..	2	2	2	11	..	2	..	2
3.—Scrofula	3	..	2	1	1	4	4	11	12	6	44	5	3	..	8
Tabes Mesenterica	5	3	6	11	11	8	22	17	17	14	114	8	..	..	8
Phthisis (or Consumption)	155	121	139	168	152	141	132	142	139	102	1391	22	113	10	145
Hydrocephalus	31	37	28	44	43	28	26	22	25	24	308	49	1	..	50

* See Note, page 139.

† See Note, page 139.

in the EIGHTEENTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 ○ 42·8—May 3.			
	○ 53·4	○ 52·4	○ 53·0	○ 52·4	○ 53·4	○ 47·4	○ 48·1	○ 54·5	○ 55·2	○ 45·5	Mean 51○·5				
	May 8	May 7	May 6	May 4	May 3	May 2	May 1	May 6	May 5	May 4	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
4.—Cephalitis	10	15	9	9	5	13	11	7	9	10	98	17	2	..	19
Apoplexy	15	12	18	23	21	27	24	15	27	30	212	1	7	15	23
Paralysis	17	14	13	11	16	22	33	32	24	18	200	..	9	13	22
Delirium Tremens	2	1	..	2	3	3	5	2	3	3	24	..	1	..	1
Chorea	..	..	1	..	..	..	..	..	..	..	1	1	..	..	1
Epilepsy	5	4	6	4	1	5	7	5	4	1	42	1	5	..	6
Tetanus	..	1	..	1	1	1	..	..	..	..	4	..	..	..	..
Insanity	2	1	1	2	3	2	..	2	2	1	16	..	..	..	..
Convulsions	52	57	40	41	54	36	34	50	38	28	430	44	1	1	46
Disease of Brain, &c.	14	10	8	8	4	7	16	14	11	17	109	3	4	3	10
5.—Pericarditis	..	..	1	2	6	1	2	2	2	6	22	..	2	1	3
Aneurism	..	..	..	1	2	2	1	..	2	2	10	..	..	..	..
Disease of Heart, &c.	15	24	30	29	29	23	47	17	30	35	279	1	22	16	39
6.—Laryngitis	..	..	..	2	1	4	6	4	5	6	28	2	1	..	3
Bronchitis	8	7	11	11	24	42	62	59	57	44	325	13	22	33	68
Pleurisy	1	5	4	..	3	5	7	2	4	2	33	..	1	..	1
Pneumonia	68	45	72	67	60	69	60	68	77	65	651	35	14	4	53
Asthma	18	11	7	13	13	6	22	13	11	9	123	..	4	6	10
Disease of Lungs, &c.	15	7	20	6	15	17	11	12	7	12	122	1	6	4	11
7.—Teething	12	16	16	10	12	6	11	6	13	8	110	9	..	..	9
Quinsey	1	..	1	..	..	..	2	2	1	..	7	1	..	..	1
Gastritis }	11	16	14	..	4	2	2	2	2	1	104	..	1	..	1
Enteritis }				12	8	5	10	5	5	5		3	1	1	5
Peritonitis	1	3	2	6	..	1	8	4	5	3	33	3	2	..	5
Ascites	..	..	1	2	3	1	1	2	..	1	11	..	2	..	2
Ulceration (of Intestines)	..	4	1	..	1	4	4	3	3	3	23	..	2	..	2
Hernia	1	1	3	..	1	2	5	1	..	3	17	..	1	2	3
Ileus	..	2	1	3	1	2	3	1	2	2	17	1	..	1	2
Intussusception	1	..	1	..	1	1	2	3	1	..	10	..	1	..	1
Stricture of Intestinal Canal	1	..	1	1	1	..	..	..	..	..	4	..	2	..	2
Disease of Stomach, &c.	3	11	4	7	11	7	6	6	..	3	58	..	3	1	4
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	..	..	3	2	3	3	3	1	1	5	21	..	4	1	5
Jaundice	..	2	1	2	5	2	..	1	2	..	15	2	1	..	3
Disease of Liver	6	7	13	3	11	15	9	12	14	11	101	2	7	6	15
Disease of Spleen	..	..	..	..	..	1	..	..	1	..	2	..	..	..	..
8.—Nephritis	1	..	..	1	..	..	1	..	1	1	5	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	3	5	2	10	..	1	1	2
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Diabetes	..	1	1	..	..	..	..	1	1	1	5	..	2	1	3
Stone	1	1	..	..	1	..	2	1	..	1	7	..	..	..	..
Cystitis	..	..	..	..	..	2	..	3	..	2	7	..	1	..	1
Stricture of Urethra	1	..	..	3	1	1	..	..	..	..	6	..	..	1	1
Disease of Kidneys, &c.	2	7	1	7	4	4	8	6	6	2	47	1	2	5	8
9.—Paramenia	..	..	..	1	..	1	1	..	..	..	3	..	..	..	..
Ovarian Dropsy	1	..	..	1	..	1	2	2	..	1	8	..	..	..	..
Childbirth (*see* Metria)	6	10	12	2	8	9	6	3	7	2	65	..	3	..	3
Disease of Uterus, &c.	2	3	..	..	2	3	4	3	3	4	24	..	3	..	3
10.—Arthritis	..	..	..	..	..	..	1	..	..	1	2	1	1	..	2
Rheumatism	2	3	4	2	4	1	7	3	5	4	35	..	1	1	2
Disease of Joints, &c.	3	4	8	6	3	9	7	6	3	1	50	3	2	..	5
11.—Carbuncle	..	..	..	..	..	..	1	..	2	1	4	1	..	..	1
Phlegmon	..	1	..	..	..	..	1	..	..	..	2	..	..	..	..
Disease of Skin, &c.	..	..	..	1	3	2	1	1	1	..	9	1	..	..	1
17.—Intemperance	3	..	2	4	..	2	1	..	..	2	14	..	..	..	..
Privation of Food	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	3	2	2	7	5	..	..	5
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	1	..	4	5	1	2	..	3
Burns and Scalds	*	*	*	*	*	*	*	1	3	9	13	1	..	1	2
Hanging and Suffocation	*	*	*	*	*	*	*	4	1	5	10	5	4	..	9
Drowning	*	*	*	*	*	*	*	3	1	2	6	1	5	..	6
Fractures	*	*	*	*	*	*	*	4	7	24	35	3	..	4	7
Wounds	*	*	*	*	*	*	*	..	1	1	2	..	1	1	2
Other Violence	*	*	*	*	*	*	*	2	1	2	5	..	..	..	..
All Violence	20	17	28	17	27	39	14	15	14	47	238	11	12	6	29
Causes not specified	8	9	9	4	1	2	2	6	4	13	58	1	2	..	11†

* See Note, page 139.

† See Note, page 139.

DEATHS Registered in the EIGHTEENTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			53°·4	52°·4	53°·0	52°·4	53°·4	47°·4	48°·1	54°·5	55°·2	45°·5	Mean 51°·5	42°·8
	1831	1841	May 8 1841	May 7 1842	May 6 1843	May 4 1844	May 3 1845	May 2 1846	May 1 1847	May 6 1848	May 5 1849	May 4 1850	Sum of 10 Weeks.	May 3, 1851
LONDON	1654994	1948369	790	756	879	877	883	831	983	1015	986	829	8829	994
1–6. WEST DISTRICTS .	252761	301189	125	123	160	140	150	127	136	135	151	132	1379	141
7–11. NORTH DISTRICTS .	306185	376568	143	116	159	145	129	146	189	189	187	174	1577	208
12–19. CENTRAL DISTRICTS	355502	374199	168	147	190	176	163	141	155	179	167	150	1636	183
20–25. EAST DISTRICTS .	330736	393067	167	185	177	198	206	191	223	239	196	154	1936	209
26–36. SOUTH DISTRICTS .	409810	503346	187	185	193	218	235	226	280	273	285	219	2301	253
1. Kensington . . HL	52981	74898	32	26	29	36	43	39	44	25	34	39	347	29
2. Chelsea . . . *W* H	32371	40243	18	24	31	20	18	17	14	21	21	15	199	25
3. St.GeorgeHanover-sq.H	58209	66657	24	23	39	31	38	21	30	32	30	29	297	30
4. Westminster HHPP	48177	56802	27	29	34	34	30	27	26	28	43	28	306	31
5. St.Martin-in-the-Flds. H	23970	25132	9	9	12	13	11	15	11	14	10	8	112	10
6. St. James Westminster	37053	37457	15	12	15	6	10	8	11	15	13	13	118	16
7. Marylebone . . . H	122206	138383	66	47	77	60	47	51	63	57	56	60	584	68
8. Hampstead	8588	140078	*	*	*	*	*	*	2	5	3	7	17	3
9. Pancras . . *W* HH	103548		52	39	47	45	53	53	73	79	67	58	566	76
10. Islington . . . HP	37316	55779	13	19	21	23	19	25	35	26	34	27	242	38
11. Hackney . . . . H	34527	42328	12	11	14	17	10	17	16	22	27	22	168	23
12. St. Giles	52907	54378	26	19	24	26	19	19	27	31	31	12	234	31
13. Strand (wkh. in 9) . H	42015	43667	11	12	35	26	21	24	18	16	25	18	206	17
14. Holborn	42696	44532	21	20	16	12	11	22	19	21	22	23	187	21
15. Clerkenwell . . PP	47634	56799	21	23	28	25	20	20	25	24	15	23	224	27
16. St. Luke (wkh. in 20) L	46642	49908	24	21	26	23	35	15	18	16	18	14	210	25
17. East London . . . P.	38311	39718	18	13	16	25	16	9	10	19	10	14	150	18
18. West London *W* HPPP	28217	29188	26	26	29	17	21	22	21	31	27	26	246	22
19. City of Lon. (wkh. in 25)	57080	56009	21	13	16	22	20	10	17	21	19	20	179	22
20. Shoreditch . . *W* L	68564	83564	33	36	39	44	48	32	59	68	49	30	438	53
21. Bethnal Green . . L	62018	74206	29	32	27	36	20	31	36	37	28	16	292	34
22. Whitechapel . . . H	64141	71879	50	43	37	37	44	56	44	43	42	37	433	40
23. St. George-in-the-East .	38505	41416	18	20	21	17	25	20	21	21	18	19	200	28
24. Stepney . . . . H	72442	90831	29	36	37	45	59	35	43	51	38	35	408	38
25. Poplar . . . *W* L	25066	31171	8	18	16	19	10	17	20	19	21	17	165	16
26. St. Saviour . . H H	31711	33027	17	12	19	16	25	24	18	19	29	20	199	13
27. St. Olave . . . H H	20021	19869	16	14	21	17	19	21	19	15	22	24	188	24
28. Bermondsey	29741	35002	16	17	15	26	17	18	24	28	17	14	192	23
29. St. Geo. Southwk. LPP	39769	46718	20	17	22	13	21	28	23	30	18	15	207	18
30. Newington . . . P	44526	54693	16	17	30	20	26	23	23	18	26	19	218	19
31. Lambeth	87856	116072	36	53	39	37	51	51	60	53	60	40	480	53
32. Wandsworth . . . L	33090	39918	*	*	*	22	15	11	21	11	26	21	127	16
33. Camberwell . . LL	28231	39931	15	10	13	30	16	15	22	23	29	20	193	24
34. Rotherhithe	12875	13940	12	8	2	5	8	4	3	9	6	6	63	8
35. Greenwich . HHHP	63564	81125	39	37	32	32	37	31	60	56	46	30	400	41
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	7	11	6	10	34	14

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 8829; which, divided by 10, gives 883 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 883 divided by 11 is about 80, which added to 883, makes the corrected average 963. The corrected average for small-pox, or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 136 in 10 weeks; the average was 14; the corrected average 15. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5{\cdot}5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	1	.	1
2 Chelsea [North West]	.	2	2
2 *St. George Hanover Square* [*Chelsea N.W.*]	.	.	.
3 St. George Hanover Square [May Fair]	2	1	3
4 Westminster [St. Margaret]	1	4	5
5 St. Martin-in-the-Fields [Charing Cross]	.	.	.
6 St. James Westminster [Golden Square]	.	3	3
7 Marylebone [Rectory]	3	4	7
9 *Strand* [*Tottenham Court*]	2	5	7
9 Pancras [Camden Town]	3	1	4
10 Islington [West]	6	1	7
11 Hackney [Hackney]	1	1	2
12 St. Giles [South]	4	2	6
14 Holborn [St. Andrew East]	3	1	4
15 Clerkenwell [St. James]	1	.	1
17 East London [St. Botolph]	.	1	1
18 *East London* [*West London North*]	1	.	1
18 West London [North]	1	.	1
20 Shoreditch [Haggerstone West]	3	2	5
20 *St. Luke* [*Hoxton New Town*]	4	.	4
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	1	3	4
23 St. George-in-the-East [St. John]	.	2	2
24 Stepney [Shadwell]	.	.	.
24 Stepney [Ratcliff]	.	1	1
24 Stepney [Mile End Old Town Lower]	1	.	1
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City* [*Bow*]	1	.	1
25 Poplar [Poplar]	.	2	2
26 St. Saviour [Christchurch]	.	2	2
27 St. Olave [St. John Horselydown]	1	1	2
28 Bermondsey [St. Mary Magdalen]	1	1	2
29 St. George Southwark [Borough Road]	.	.	.
30 Newington [St. Peter Walworth]	.	1	1
31 Lambeth [Lambeth Church 2nd]	.	5	5
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	1	1
32 Wandsworth [Battersea]	.	.	.
33 Camberwell [Camberwell]	.	1	1
34 Rotherhithe	.	.	.
35 Greenwich [East]	2	3	5
36 Lewisham [Village]	.	1	1
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	43	52	95

HOSPITALS.

	M.	F.	T.
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	9	.	9
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	1	.	1
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	10	.	10
General Hospitals:—			
3 St. George [Belgrave]	4	3	7
4 Westminster [St. Margaret]	1	1	2
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	1	1	2
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	3	1	4
13 King's College [St. Clement Danes]	1	1	2
18 St. Bartholomew [West London North]	7	3	10
22 London [Whitechapel Church]	.	.	.
27 Guy's [St. Olave and St. Saviour]	6	6	12
27 St. Thomas [St. Olave & St. Saviour]	5	.	5
Total	28	16	44
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	1	.	1
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	1	2
Total	2	1	3

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	2	.	2
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	4	3	7
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	3	1	4
33 Peckham House [Camberwell]	1	.	1
33 Camberwell House [Camberwell]	1	1	2
Total	11	5	16
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	1	.	1
4 Coldstream Guards Hospital [ditto]	1	.	1
4 Scots Fusilier Guards Hospital [ditto]	1	.	1
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	3	.	3
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	2	.	2
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	2	.	2

PRISONS.

	M.	F.	T.
4 Bridewell [St. Margaret, Westminster]	.	1	1
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	2	.	2
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	2	1	3

	M.	F.	T.
Workhouses	43	52	95
Military and Naval Asylums	10	.	10
General Hospitals	28	16	44
Hospitals for Special Diseases	2	1	3
Lying-in Hospitals	.	.	.
Lunatic Asylums	11	5	16
Military and Naval Hospitals	3	.	3
Hospitals and Asylums for Foreigners	2	.	2
Prisons	2	1	3
Total in Public Institutions	101	75	176

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 3d May, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Difference between the Dew Point Temperature and Air Temperature. Greatest.	Difference between the Dew Point Temperature and Air Temperature. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure in lbs. on the square foot. Greatest.	Osler's. Pressure in lbs. on the square foot. Least.	Osler's. Pressure in lbs. on the square foot. Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
April			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday .	27	..	29·451	52·7	32·7	40·6	36·8	..	24·0	54·0	50·0	3·8	8·0	1·5	— 8·4	N.	N.E.	1·0	0·0	0·0	30	0·00
Monday .	28	..	29·499	50·2	32·5	40·6	32·4	58·0	26·3	54·0	50·0	8·2	15·4	2·0	— 8·7	N.	W. and S.W.	0·0	0·0	0·0	40	0·00
Tuesday .	29	In Equa.	29·457	53·4	34·9	42·3	38·0	63·0	25·0	52·7	48·5	4·3	9·9	3·6	— 7·3	S.	Calm & S.W.	0·0	0·0	0·0	70	0·14
Wednesday	30	..	29·501	54·2	33·5	43·9	35·0	65·0	23·4	53·0	49·1	8·9	12·0	1·1	— 6·0	W.	W.	2·5	0·0	0·2	55	0·05
May.																						
Thursday .	1	New.	29·611	57·8	34·9	45·6	34·8	73·0	22·0	52·0	49·0	10·8	14·0	1·3	— 4·8	W. & N.	S.W.	2·5	0·0	0·2	45	0·00
Friday .	2	..	29·613	58·2	34·9	46·0	37·9	72·0	22·0	52·5	49·0	8·1	14·0	2·1	— 4·7	Calm and N.	N.	3·0	0·0	0·1	80	0·00
Saturday	3	..	29·628	50·0	34·1	40·3	32·1	60·0	22·8	52·3	49·0	8·2	9·9	0·0	—10·8	N.W.	Var.	2·0	0·0	0·1	40	0·10
Means . .		..	29·537	53·8	33·9	42·8	35·3	Six days. 65·2	23·6	52·9	49·2	7·5	11·9	1·7	— 7·2	N. and W.		..	..	..	Sum 360	Sum 0·29
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

Sunday . .	Nothing was shown throughout the day.
Monday . .	Positive, and at times negative, with strong tension; volleys of sparks and galvanic currents were shown.
Tuesday .	Negative, and very active during the afternoon; sparks and galvanic currents were shown.
Wednesday	Positive, and at times negative, with strong tension; there were volleys of sparks & galvanic currents.
Thursday .	Positive, and tension strong during the afternoon.
Friday . .	Nothing was shown throughout the day.
Saturday .	Positive, and strong generally; negative, with sparks, during the fall of rain.

GENERAL REMARKS.

The sky was for the most part covered during the morning, and the amount of cloud was variable during the remainder of the day; a shower of hail and rain fell at 5h. 30m. P.M.
The sky was generally covered with cloud during the morning and afternoon, and clear at night; cumuli, cumulostrati, and cirrostrati.

The sky, with slight exceptions, was covered with cloud throughout the day. Heavy showers of rain fell, and claps of thunder were frequently heard during the afternoon.

The sky was generally three-fourths covered till near noon, and the amount of cloud was variable afterwards. Frequent showers of rain fell, and lightning, followed by thunder, occurred at 2h. 40m. P.M.

The sky, with slight exceptions, was covered with cloud throughout the day; cumuli, cumulostrati, and cirrostrati.
Three-fourths of the sky were generally covered throughout the day; cumulostratus, cirrostratus, and light scud.
The sky was overcast throughout the day, with the exception of a short time in the evening. Rain fell at times. The day was very cold and unseasonable.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12. are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 48·8°; and the mean reading at 9h. P.M. was 43·8°; the mean readings at the Royal Observatory for the same times were 46·6° and 41·4° respectively.

The reading of the barometer decreased from 29·56 in. at the beginning of the week to 29·42 in. by 7h. P.M. on the 27th; increased to 29·51 in. by 9h. P.M. on the 28th; decreased to 29·43 by 3h. P.M. on the 29th; increased to 29·65 in. by 9h. A.M. on May 1; decreased to 29·56 in. by 9h. A.M. on the 2nd; increased to 29·68 in. by 9h. A.M. on the 3rd; and decreased to 29·62 in. by 3h. P.M. on the same day, after which it began to increase slowly.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, May 10. [No. 19.

HEALTH OF LONDON DURING THE WEEK.

The present state of public health in the Metropolis is far from being satisfactory. In the preceding week, though there still appeared an excess above the average, the mortality had declined to 994 deaths; but it will be seen that the number in the week ending last Saturday has again risen to 1041. Taking corresponding weeks of the ten years 1841–50, it is found that the lowest number of deaths was 761; and that the mortality, which only in one instance exceeded 1000, averaged 870. This average, if raised according to supposed rate of increase in the population, becomes 949; compared with which, the 1041 deaths of last week show an increase of 92.

The increase is not confined to any particular locality, but extends generally over the Metropolitan districts. In the West districts the deaths registered last week are 168, while the average (without correction for increase of population) is 134; in the Northern the number is 202, the average being 167; in the Central it is 181, the average being 157; in the Eastern, 216, the average being 181; and in the South it is 274, while the average is 232.

The present Return, as compared with that of the previous week, shows an increase chiefly in the zymotic or epidemic class of diseases. Measles numbered 31 fatal cases in the week ending May 3d, last week it counted 41; hooping-cough again becomes more severe, and has risen in the two weeks from 57 deaths to 72; diarrhœa and dysentery have increased from 9 to 25; typhus from 25 to 43. On the other hand, small-pox, which destroyed 14 persons in the previous week, was fatal to 10 in the last; and influenza has declined from 11 to 6. Seven deaths, 4 of which are among infants, are ascribed in this return to syphilitic disease.

The total number of deaths included in the zymotic class of diseases is 233; while the corrected average is 178. The cases enumerated under the head of "diseases of the respiratory organs," amount to 157, while the corrected average is 143. But the six diseases which constitute the latter class scarcely exceed in their aggregate fatality the amount caused by phthisis alone; for this complaint destroyed 143 lives, a number which, though not more than the usual amount, is far greater than the highest found under other heads in the list of *fatal causes*.

A great increase is observable in the deaths registered last week of young persons; for the number of children who died under the age of 15 years rose from 443 in the previous week to 511 in the last, while the corrected average is 425. A smaller increase is observed generally among persons in various stages of life.

In the last week, the births of 791 boys, and 781 girls, in all 1572 children, were registered. The average of six corresponding weeks in the years 1845–50 was 1341.

At the Royal Observatory, Greenwich, the mean reading of the barometer was 29·608 in. The mean daily temperature was below the average till Saturday; but it rose gradually from 40°·2 on Sunday to 56°·3 on Saturday, and the mean of the week was 47°·4. The extent to which the daily mean temperature was lower than the average (derived from 10 years) of the several days is shown by the following decreasing numbers: 11°·2, 10°·5, 7°·4, 4°·5, 2°·8, 0°·6; on Saturday it exceeded the average by 3°·6. The wind was in the north and north-west on the first three days, then changed to south-west, and on the last two days was generally in the south-east.

The following selections are made from the Registrars' Reports:—

In Brompton, at 5 Cromwell-lane, on 3d May, the son of a journeyman painter and glazier, aged 6 years, died of "typhoid fever—peritonitis (8 days)." Mr. Stone adds that "according to the statement of the medical attendant, this house is in a most unwholesome condition; the drain runs under the room occupied by the family, and poisons the atmosphere: in its present state the house is entirely unfit for habitation. A boy, aged 11 years, died on 5th March, in the same dwelling, from chronic rheumatism and pericarditis."

In St. Giles-in-the-fields, North sub-district, at 4 George-street, on 3d May, the daughter of a bootcloser, aged 2 months, died of "variola (1 week)." "This child was vaccinated (says Mr. Simpson) a week before its death; but at that time it had no doubt mbibed small-pox, as the house is immediately at the back of No. 1 Clark's-buildings, where two children lately died, out of nine attacked with the disease. The vaccination of the girl took effect, and both diseases progressed regularly, which is not an uncommon occurrence, for I often witness similar cases during my professional attendance at the Surrey National Vaccine Station."

In the sub-district of Haggerstone West, at 24 Mill-row, on 8th May, the daughter of an engine-driver, aged 6 months, died of "small-pox (14 days)." Mr. Bowring states that "five children in this family had small-pox; four are making favourable progress towards recovery, but the youngest has fallen a victim to the disease, the parents being prejudiced against vaccination, and to the last having resisted all attempts to have it performed on their children."

In Hackney-road sub-district, at 1 Barnet-grove, on 8th May, the daughter of a chandler, aged 4 years, died of "typhus (2 weeks)." This is described by Mr. Murray as "an open airy place, but low and undrained."

In the sub-district of Woolwich Arsenal, at 18 Lower-market-street, on 26th April, a single woman, aged 19, died of "ague and diarrhœa (1 week)." Mr. Rixon mentions that "this poor creature was in a destitute and starving condition when the informant took her in. No inquest was held."

BIRTHS Registered LAST WEEK, and in the NINETEENTH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1191	1414	1259	1386	1479	1320	1341	1572
Males. . .	611	718	652	672	756	643	675	791
Females . .	580	696	607	714	723	677	666	781

DEATHS Registered LAST WEEK, and in the NINETEENTH Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		761	773	883	812	829	841	987	1052	905	857	870·0	1041
Males . .		398	392	437	432	408	431	486	493	474	430	438·1	555
Females .		363	381	446	380	421	410	501	559	431	427	431·9	486
Deaths at three periods of life . .	Ages.												
	0—15	356	363	397	339	366	368	418	505	432	358	390·2	511
	15—60	250	268	302	311	306	311	339	349	289	289	301·4	335
	60 & up.	155	140	182	159	157	162	230	195	181	187	174·8	195

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Feb. 15.	Feb. 22.	Mar. 1.	Mar. 8.	Mar. 15.	Mar. 22.	Mar. 29.	Apr. 5.	Apr. 12.	Apr. 19.	Apr. 26.	May 3.	May 10.
BIRTHS	1576	1567	1591	1580	1533	1580	1780	1560	1536	1425	1503	1487	1572
DEATHS	1036	1213	1148	1247	1401	1412	1418	1059	1042	998	1075	994	1041
DEATHS (except from Violence) . . .	1006	1187	1125	1242	1378	1387	1289	1036	1033	977	1058	965	1012
Deaths (except from Violence) at 60 years and upwards . .	204	296	255	302	360	384	295	226	225	205	212	216	191
Scarlatina	20	9	19	20	16	15	10	6	13	8	10	13	11
Typhus	43	35	31	36	43	54	38	32	25	37	32	25	43
Diarrhœa & Dysentery	19	18	22	16	17	19	22	14	18	15	22	9	25
Cholera	..	..	..	2	1	1	1	..	..	..	..	..	..
Mean Temperature .	39°·6	42°·5	37°·6	39°·4	40°·5	44°·9	46°·3	43°·5	40°·3	46°·3	9°·9	42°·8	47°·4

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child-birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," or "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite the above heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 47°·4—May 10.			
	54°·6	50°·8	49°·0	56°·9	45°·0	55°·7	49°·3	62°·7	45°·5	46°·7	Mean 51°·6				
	May 15	May 14	May 13	May 11	May 10	May 9	May 8	May 13	May 12	May 11	Sum of 10 Weeks	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
ALL CAUSES	761	773	883	812	829	841	987	1052	905	857	8700	511	335	195	1041
SPECIFIED CAUSES	759	762	880	810	829	837	985	1051	903	829	8645	511	334	194	1039
1. Zymotic Diseases	130	130	185	171	131	131	139	263	206	146	1632	181	32	20	233
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	58	53	66	47	44	30	40	53	43	43	477	3	22	7	32
3. Tubercular Diseases	166	190	195	181	190	200	185	190	177	159	1833	84	119	5	208
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	114	99	104	127	106	113	130	113	98	123	1127	42	41	38	121
5. Diseases of the Heart and Blood-vessels	20	20	25	35	26	27	45	30	57	37	322	1	24	18	43
6. Diseases of the Lungs, and of the other Organs of Respiration	98	99	117	101	126	131	192	167	137	137	1305	90	36	31	157
7. Diseases of the Stomach, Liver, and other Organs of Digestion	52	54	56	50	56	57	69	80	54	50	578	27	20	17	64
8. Diseases of the Kidneys, &c.	2	5	7	4	4	11	12	11	9	14	79	1	1	7	9
9. Childbirth, Diseases of the Uterus, &c.	6	6	10	8	14	15	22	16	9	8	114	..	10	1	11
10. Rheumatism, Diseases of the Bones, Joints, &c.	4	3	10	6	5	18	12	9	9	9	85	..	8	..	8
11. Diseases of the Skin, Cellular Tissue, &c.	..	..	1	..	2	2	3	..	..	2	10	..	..	..	..
12. Malformations	..	..	1	2	2	2	3	7	3	2	22	5	..	..	5
13. Premature Birth & Debility	18	23	19	10	15	22	23	22	21	20	193	28	3	..	31
14. Atrophy	4	5	8	7	12	16	36	23	17	24	152	30	1	..	31
15. Age	64	47	49	37	55	39	54	41	39	37	462	..	..	41	41
16. Sudden	8	12	13	7	9	7	6	2	11	..	75	6	4	5	15
17. Violence, Privation, Cold, and Intemperance	15	16	14	17	32	16	14	24	13	18	179	13	13	4	30
1.—Small-pox	20	4	12	27	19	7	12	24	12	4	141	8	2	..	10
Measles	13	22	28	9	22	13	13	34	33	14	201	41	..	..	41
Scarlatina	6	10	10	35	11	11	11	43	40	25	202	11	..	..	11
Hooping Cough	45	37	54	26	31	55	32	40	46	36	402	72	..	..	72
Croup	6	10	10	10	8	6	6	4	9	5	74	5	..	..	5
Thrush	1	5	3	2	5	2	1	4	2	..	25	1	..	..	1
Diarrhœa	4	3	3	8	5	10	11	10	11	8	73	17	3	3	23
Dysentery	1	..	..	2	2	1	5	2	2	1	16	..	1	1	2
Cholera	..	..	..	3	1	1	..	1	3	..	9	..	..	..	..
Influenza	4	1	..	3	..	1	..	..	..	4	13	..	..	6	6
Purpura and Scurvy	2	1	..	..	..	1	2	1	1	2	10	..	2	..	2
Ague	..	..	1	..	..	..	..	..	..	..	1	..	1	1	2
Remittent Fever	..	..	..	..	..	1	1	3	2	2	9	1	..	..	1
Infantile Fever	*	*	*	*	*	*	*	1	..	3	4	..	..	..	..
Typhus	19	30	58	35	22	15	34	73	33	26	345	20	15	8	43
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	5	1	5	11	..	2	..	2
Rheumatic Fever	*	*	*	*	*	*	*	1	1	..	2	..	..	..	..
Erysipelas	8	6	6	9	3	5	8	12	7	7	71	1	3	1	5
Syphilis	..	1	..	2	2	2	3	5	3	4	22	4	3	..	7
Noma (or Canker)	*	*	*	*	..	..	..	..	..	..	..	..	..	..	..
Hydrophobia	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
2.—Hæmorrhage	4	3	3	6	3	1	2	5	3	3	33	..	1	..	1
Dropsy	31	33	44	26	23	10	19	16	19	15	236	1	5	4	10
Abscess	8	..	..	1	1	1	..	..	1	..	12	1	1	1	3
Ulcer	1	..	..	1	..	..	1	1	..	1	5	..	..	..	..
Fistula	..	..	..	..	1	..	..	1	..	1	3	..	..	..	..
Mortification	5	5	3	2	6	3	2	5	3	2	36	..	1	..	1
Cancer	8	12	11	10	7	12	14	25	13	21	133	1	13	2	16
Gout	1	..	5	1	3	3	2	..	4	..	19	..	1	..	1
3.—Scrofula	1	4	4	4	10	8	7	7	11	5	61	7	2	..	9
Tabes Mesenterica	4	4	9	5	9	16	22	16	13	16	114	17	..	..	17
Phthisis (or Consumption)	134	148	147	134	134	147	119	117	129	116	1325	21	117	5	143
Hydrocephalus	27	34	35	38	37	29	37	50	24	22	333	39	..	..	39

* See Note, page 147.

in the NINETEENTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 47°·4—May 10.			
	54°·6	50°·8	49°·0	56°·9	45°·0	55°·7	49°·3	62°·7	45°·5	46°·7	Mean 51°·6				
	May 15	May 14	May 13	May 11	May 10	May 9	May 8	May 13	May 12	May 11	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
4.—Cephalitis	13	10	8	12	10	13	16	10	15	8	115	7	2	..	9
Apoplexy	9	18	26	31	12	21	22	15	17	27	198	1	13	15	29
Paralysis	18	15	13	20	10	17	22	31	13	23	182	1	11	12	24
Delirium Tremens	1	1	2	2	2	1	1	..	..	2	12	..	2	..	2
Chorea	..	..	..	..	2	..	..	..	..	..	2	..	..	..	..
Epilepsy	5	5	3	4	1	6	7	4	8	5	48	1	8	4	13
Tetanus	1	..	1	..	..	..	..	..	1	2	5	..	1	..	1
Insanity	1	..	..	2	..	..	3	4	2	2	14	..	2	4	6
Convulsions	52	43	42	43	52	45	52	40	32	41	442	29	..	..	29
Disease of Brain, &c.	14	7	9	13	17	10	7	9	10	13	109	3	2	3	8
5.—Pericarditis	..	2	1	2	2	1	2	2	7	1	20	1	2	..	3
Aneurism	..	..	..	2	..	2	2	1	1	1	9	..	2	..	2
Disease of Heart, &c.	20	18	24	31	24	24	41	27	49	35	293	..	20	18	38
6.—Laryngitis	1	..	..	1	..	2	5	5	6	4	24	5	..	..	5
Bronchitis	9	11	13	14	30	41	66	57	46	51	338	22	16	22	60
Pleurisy	2	1	..	3	1	5	11	5	2	5	35	..	1	..	1
Pneumonia	52	57	66	54	55	59	78	79	66	56	622	62	12	3	77
Asthma	13	18	16	12	21	15	18	16	10	13	152	..	2	3	5
Disease of Lungs, &c.	21	12	22	17	19	9	14	5	7	8	134	1	5	3	9
7.—Teething	22	18	14	10	12	8	8	18	6	6	122	14	..	..	14
Quinsey	..	..	1	2	..	1	1	..	2	1	8	..	..	..	..
Gastritis / Enteritis	14	13	16	.. / 7	..	..	2	1	4	..	117	..	..	..	..
					15	6	11	8	9	11		2	1	2	5
Peritonitis	2	..	3	1	5	6	9	6	2	2	36	1	1	1	3
Ascites	1	..	2	3	3	1	..	2	..	2	14	..	2	..	2
Ulceration (of Intestines)	1	4	1	..	2	2	..	5	2	1	18	1	1	1	3
Hernia	2	2	1	2	2	2	6	2	2	1	22	..	1	2	3
Ileus	..	2	3	5	..	4	4	3	2	3	26	2	1	1	4
Intussusception	..	..	..	2	1	1	4	1	2	2	13	1	..	..	1
Stricture of Intestinal Canal	..	1	..	..	1	2	1	..	..	..	5	..	..	..	..
Disease of Stomach, &c.	3	3	6	5	2	7	6	7	4	4	47	1	1	4	6
Disease of Pancreas	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Hepatitis	1	1	1	2	1	5	7	7	2	7	34	..	2	2	4
Jaundice	1	3	4	1	..	2	2	2	4	2	21	3	3	1	7
Disease of Liver	5	7	4	10	10	10	8	17	13	7	91	2	7	2	11
Disease of Spleen	..	..	..	..	2	..	..	..	..	1	3	..	..	1	1
8.—Nephritis	..	1	1	1	..	3	1	..	..	..	7	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	2	3	3	8	..	..	1	1
Ischuria	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Diabetes	..	..	..	..	..	..	..	1	1	2	4	1	..	..	1
Stone	..	..	..	..	..	..	1	1	..	..	2	..	..	1	1
Cystitis	..	1	1	1	..	..	1	..	..	..	4	..	..	1	1
Stricture of Urethra	..	..	2	1	..	1	2	3	1	..	10	..	..	1	1
Disease of Kidneys, &c.	2	3	3	1	4	7	6	4	4	9	43	..	1	3	4
9.—Paramenia	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Ovarian Dropsy	..	..	..	2	..	..	4	1	1	..	8	..	1	..	1
Childbirth (*see* Metria)	3	5	8	3	11	10	14	9	4	4	71	..	7	..	7
Disease of Uterus, &c.	2	1	2	3	3	5	4	6	4	4	34	..	2	1	3
10.—Arthritis	1	..	..	..	..	..	..	..	..	1	2	..	..	..	..
Rheumatism	..	..	6	..	3	15	5	3	5	3	40	..	5	..	5
Disease of Joints, &c.	3	3	4	6	2	3	7	6	4	5	43	..	3	..	3
11.—Carbuncle	..	..	1	..	..	..	1	..	..	..	2	..	..	..	..
Phlegmon	..	..	..	..	..	1	1	..	..	1	3	..	..	..	..
Disease of Skin, &c.	..	..	..	..	2	1	1	..	..	1	5	..	..	..	..
17.—Intemperance	..	..	..	..	..	1	..	..	2	2	5	..	..	..	..
Privation of Food	..	..	..	..	1	1	..	..	..	..	2	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	1	4	1	6	1	..	..	1
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	1	1	1	3	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	3	1	3	7	6	1	..	7
Hanging and Suffocation	*	*	*	*	*	*	*	4	1	1	6	3	1	..	4
Drowning	*	*	*	*	*	*	*	7	2	4	13	1	5	1	7
Fractures	*	*	*	*	*	*	*	6	2	3	11	2	5	3	10
Wounds	*	*	*	*	*	*	*	2	..	1	3	..	1	..	1
Other Violence	*	*	*	*	*	*	*	..	..	2	2	..	..	..	..
All Violence	15	16	14	17	31	14	14	23	7	15	166	12	13	4	29
Causes not specified	2	11	3	2	..	4	2	1	2	28	55	..	1	1	2

* See Note, page 147.

DEATHS Registered in the NINETEENTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			54°·6	50°·8	49°·0	56°·9	45°·0	55°·7	49°·3	62°·7	45°·5	46°·7	Mean 51°·6	47°·4
			May 15	May 14	May 13	May 11	May 10	May 9	May 8	May 13	May 12	May 11	Sum of 10 Weeks.	May 10,
	1831	1841	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1654994	1948369	761	773	883	812	829	841	987	1052	905	857	8700	1041
1–6. WEST DISTRICTS .	252761	301189	107	131	142	117	133	145	138	143	149	131	1336	168
7–11. NORTH DISTRICTS .	306185	376568	142	145	161	154	180	165	185	197	181	155	1665	202
12–19. CENTRAL DISTRICTS	355502	374199	157	138	182	151	154	166	173	184	134	134	1573	181
20–25. EAST DISTRICTS .	330736	393067	157	158	178	178	155	167	202	226	200	190	1811	216
26–36. SOUTH DISTRICTS .	409810	503346	198	201	220	212	207	198	289	302	241	247	2315	274
1. Kensington . . HL	52981	74898	21	23	30	20	39	33	34	35	35	37	307	40
2. Chelsea . . . *W*H	32371	40243	14	27	22	19	24	30	22	27	20	28	233	36
3. St.GeorgeHanover-sq.H	58209	66657	23	28	35	18	15	25	35	19	28	19	245	31
4. Westminster HHPP	48177	56802	17	33	27	30	29	31	23	33	39	27	289	31
5. St.Martin-in-the-Flds. H	23970	25132	12	8	11	16	13	11	10	11	15	8	115	9
6. St. James Westminster	37053	37457	20	12	17	14	13	15	14	18	12	12	147	21
7. Marylebone . . . H	122206	138383	58	57	55	66	79	61	76	65	55	67	639	79
8. Hampstead	8588	140078	*	*	*	*	*	*	4	4	3	3	14	5
9. Pancras . . *W*HH	103548		57	57	69	55	72	66	63	73	66	55	633	64
10. Islington . . . HP	37316	55779	13	15	22	17	20	19	23	32	33	19	213	36
11. Hackney . . . . H	34527	42328	14	16	15	16	9	19	19	23	24	11	166	18
12. St. Giles	52907	54378	13	14	41	14	27	20	21	36	14	17	217	33
13. Strand (wkh. in 9) . H	42015	43667	16	12	19	17	15	12	18	16	19	19	163	22
14. Holborn	42696	44532	21	10	14	14	13	32	26	22	23	19	194	23
15. Clerkenwell . . PP	47634	56799	33	26	20	22	15	23	27	23	20	21	230	32
16. St. Luke (wkh. in 20) L	46642	49908	22	21	29	23	20	26	23	21	15	13	213	18
17. East London . . . P.	38311	39718	14	17	14	12	11	13	22	12	16	11	142	18
18. West London *W*HPPP	28217	29188	22	21	27	25	39	23	20	29	14	16	236	15
19. City of Lon. (wkh. in 25)	57080	56009	16	17	18	24	14	17	16	25	13	18	178	20
20. Shoreditch . . *W*L	68564	83564	28	37	48	50	28	45	48	53	53	38	428	55
21. Bethnal Green . . L	62018	74206	32	17	21	37	32	18	35	41	28	33	294	30
22. Whitechapel . . . H	64141	71879	35	35	37	33	24	39	45	34	29	29	340	37
23. St. George-in-the-East .	38505	41416	23	19	21	19	24	19	17	29	26	21	218	16
24. Stepney . . . . H	72442	90831	31	33	38	29	35	24	39	51	43	45	368	51
25. Poplar . . . *W*L	25066	31171	8	17	13	10	12	22	18	18	21	24	163	27
26. St. Saviour . . H H	31711	33027	23	10	11	18	20	27	20	20	25	9	183	21
27. St. Olave . . . H H	20021	19869	18	15	15	19	17	14	17	17	9	19	160	9
28. Bermondsey	29741	35002	13	19	9	12	17	16	19	22	18	15	160	15
29. St. Geo. Southwk. LPP	39769	46718	17	23	32	17	29	16	29	25	28	17	233	23
30. Newington . . . P	44526	54693	13	20	26	16	23	9	23	33	23	43	229	33
31. Lambeth	87856	116072	54	48	62	46	43	43	58	67	46	55	522	58
32. Wandsworth . . . L	33090	39918	*	*	*	21	11	10	21	14	21	14	112	24
33. Camberwell . . LL	28231	39931	19	17	18	10	11	19	28	29	19	13	183	12
34. Rotherhithe	12875	13940	3	8	5	15	6	12	10	12	4	16	91	17
35. Greenwich . HHHP	63564	81125	38	41	42	38	30	32	49	54	40	33	397	52
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	15	9	8	13	45	10

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 8700; which, divided by 10, gives 870 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1850, by adding to it an eleventh part; thus, 870 divided by 11 is about 79, which added to 870, makes the corrected average 949. The corrected average for small-pox, or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 141 in 10 weeks; the average was 14; the corrected average 15. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5{\cdot}5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary]	.	1	1
1 Kensington [Town]	1	1	2
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	1	.	1
2 Chelsea [North West]	1	.	1
2 *St. George Hanover Square [Chelsea N.W.]*	.	.	.
3 St. George Hanover Square [May Fair]	.	.	.
4 Westminster [St. Margaret]	.	2	2
5 St. Martin-in-the-Fields [Charing Cross]	3	2	5
6 St. James Westminster [Golden Square]	3	1	4
7 Marylebone [Rectory]	3	3	6
9 *Strand [Tottenham Court]*	.	.	.
9 Pancras [Camden Town]	4	4	8
10 Islington [West]	.	.	.
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	3	3	6
14 Holborn [St. Andrew East]	2	2	4
15 Clerkenwell [St. James]	2	1	3
17 East London [St. Botolph]	.	.	.
18 *East London [West London North]*	.	.	.
18 West London [North]	1	1	2
20 Shoreditch [Haggerstone West]	3	1	4
20 *St. Luke [Hoxton New Town]*	.	.	.
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	1	.	1
22 Whitechapel [North]	4	1	5
23 St. George-in the-East [St. John]	1	2	3
24 Stepney [Shadwell]	.	4	4
24 Stepney [Ratcliff]	.	1	1
24 Stepney [Mile End Old Town Lower]	1	1	2
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	1	.	1
25 *London City [Bow]*	1	2	3
25 Poplar [Poplar]	3	1	4
26 St. Saviour [Christchurch]	.	1	1
27 St. Olave [St. John Horselydown]	.	1	1
28 Bermondsey [St. Mary Magdalen]	1	.	1
29 St. George Southwark [Borough Road]	2	1	3
30 Newington [St. Peter Walworth]	1	1	2
31 Lambeth [Lambeth Church 2nd]	1	3	4
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	1	1	2
33 Camberwell [Camberwell]	.	.	.
34 Rotherhithe	1	.	1
35 Greenwich [East]	2	4	6
36 Lewisham [Village]	1	.	1
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	49	46	95

HOSPITALS.

Military and Naval Asylums :—

35 Royal Hospital Greenwich [East] Pensioners	4	.	4
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	2	.	2
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	6	.	6

General Hospitals :—

3 St. George [Belgrave]	1	5	6
4 Westminster [St. Margaret]	1	.	1
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	1	2	3
9 University College [Tottenham Court]	3	1	4
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	1	3	4
18 St. Bartholomew [West London North]	2	2	4
22 London [Whitechapel Church]	2	1	3
27 Guy's [St. Olave and St. Saviour]	2	1	3
27 St. Thomas [St. Olave & St. Saviour]	.	2	2
Total	13	17	30

Hospitals for Special Diseases :—

10 Small Pox [Islington West]	.	1	1
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	.	1
Total	1	1	2

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	1	.	1
31 Hospital, York Road [Waterloo 2nd part] Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children.	.	.	.
Total	1	.	1
Lunatic Asylums, &c. :—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	1	.	1
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	1	1	2
29 Bethlem [London Road]	2	.	2
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	1	2
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	1	1	2
Total	6	3	9
Military and Naval Hospitals :—			
4 Grenadier Guards Hospital [St. John, Westm.]	1	.	1
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	3	.	3
36 Dreadnought Ship (for Seamen, Greenwich West)	1	.	1
Total	5	.	5
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.

PRISONS.

4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St James Clerkenwell]	1	.	1
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	1	.	1

Workhouses	49	46	95
Military and Naval Asylums	6	.	6
General Hospitals	13	17	30
Hospitals for Special Diseases	1	1	2
Lying-in Hospitals	1	.	1
Lunatic Asylums	6	3	9
Military and Naval Hospitals	5	.	5
Hospitals and Asylums for Foreigners	.	.	.
Prisons	1	.	1
Total in Public Institutions	82	67	149

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 10th May, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Difference between the Dew Point Temperature and Air Temperature. Greatest.	Difference between the Dew Point Temperature and Air Temperature. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure in lbs. on the square foot. Greatest.	Osler's. Pressure in lbs. on the square foot. Least.	Osler's. Pressure in lbs. on the square foot. Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
May.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday .	4	..	29·564	49·0	33·9	40·2	35·4	63·0	23·0	53·0	49·0	4·8	6·9	2·6	—11·2	N.	N.	1·0	0·0	0·0	135	0·00
Monday .	5	Greatest Dec. N.	29·581	51·8	33·5	41·2	36·9	67·0	31·0	52·0	48·5	4·3	12·3	0·0	—10·5	N. and N. W.	N. and N.W.	3·5	0·0	0·3	90	0·14
Tuesday .	6	..	29·689	55·0	38·7	44·5	37·8	74·0	32·0	51·3	48·0	6·7	11·0	4·3	— 7·4	N.W.	N.W.	2·0	0·0	0·1	95	0·00
Wednesday	7	..	29·729	58·2	37·7	47·8	37·0	79·0	32·0	51·5	48·0	10·8	16·0	1·8	— 4·5	W. and W.S.W	S.W.	0·0	0·0	0·0	120	0·00
Thursday .	8	First Quarter.	29·606	59·2	40·9	49·7	39·4	77·0	28·0	52·3	48·5	10·3	15·2	0·0	— 2·8	S.W.	S. and	2·0	0·0	0·2	85	0·00
																and S.	S.S.E.	2·0	0·0	0·1	140	0·00
Friday .	9	..	29·566	59·4	40·5	52·0	39·0	75·0	33·0	52·5	48·7	13·0	14·3	1·2	— 0·6	S.E. & S.	S. & S.E.					
Saturday	10	..	29·522	67·0	44·3	56·3	46·2	82·0	27·5	54·3	50·5	10·1	15·3	3·0	+ 3·6	S.E.	S. & S.W.	1·0	0·0	0·1	35	0·00
Means . .		..	29·608	57·1	38·5	47·4	38·8	74·0	29·5	52·4	48·7	8·6	13·0	1·8	— 4·8	Variable.		..	..	..	Sum 700	Sum 0·14
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

Sunday . .	Positive, and tension moderate at each examination.
Monday . .	Positive, and tension strong during the afternoon.
Tuesday .	Positive, and tension strong at noon.
Wednesday	Positive, and tension moderate during the afternoon.
Thursday .	Positive, and tension moderate generally.
Friday . .	Nothing was shown throughout the day.
Saturday .	Nothing was shown throughout the day.

GENERAL REMARKS.

The sky was generally three-fourths covered with cloud till the evening, and clear afterwards. A shower of hail fell at about 1h. P.M.

The sky, with slight exceptions, was covered with cloud throughout the day. Frequent showers of rain fell.

The sky was overcast throughout the day; cirrostratus.

The clouds were slightly broken at 9h. A.M., otherwise the sky was covered with cloud throughout the day; cumulostrati, cirrostrati, and loose scud.

Three-fourths of the sky were covered with cloud during the morning and afternoon; the sky was clear at night; cumuli, cumulostrati, and cirrostrati.

The sky was for the most part covered with cloud till 6 P.M., and mostly clear afterwards.

The amount of cloud was very variable throughout the day; cumuli, cumulostrati, and cirrostrati. A shower of rain fell at 4h. 30m. P.M.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12. are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 53·0°; and the mean reading at 9h. P.M. was 49·7°; the mean readings at the Royal Observatory for the same times were 52·0° and 47·6° respectively.

The reading of the barometer decreased from 29·63 in. at the beginning of the week to 29·56 in. by 9h. A.M. on the 5th; increased to 29·75 in. by 9h. A.M. on the 7th; decreased, with slight exceptions, to 29·50 in. by 3h. P.M. on the 10th; and increased slightly by midnight on the 10th.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, May 17. [No. 20.

HEALTH OF LONDON DURING THE WEEK.

The rate of mortality, that now prevails in London, shows that scarcely any improvement in the health of the population has taken place during the last seven weeks; and it continues higher than is usually observed in the middle of May. In the week ending last Saturday the number of deaths registered was 1002; in the ten corresponding weeks of 1841-50 it was generally under 900; in the three instances in which it exceeded that number it was 978, 969, and 1033, and the average was only 881. This average, when corrected for increase of population, is 961; compared with which the present return exhibits an excess of 41.

A comparison of the last two weeks will show that there is still an unusual mortality amongst persons of tender years, and that though zymotic or epidemic diseases have declined in their aggregate fatality from 233 deaths to 196, yet in the same period the class which comprises the several diseases of the respiratory organs, exclusive of phthisis and hooping-cough, has risen from 157 to 176. Pneumonia remains at the same position as in the previous week; bronchitis has increased from 60 to 72; asthma from 5 to 12; while phthisis in the tubercular class exhibits little variation, having risen from 143 in the previous week to 153 in the last, and it does not appear to be influenced by aggravating causes to the same extent as other complaints which have become more fatal under their operation. Affections of the respiratory organs generally, at present show a mortality considerably above the average.

Two deaths were recorded last week, of which intemperance is stated to have been the cause; besides another case in which fatal disease seems to have been the fruit of habitual drinking.

Last week the births of 752 boys, and 715 girls, in all 1467 children, were registered. The average of 6 corresponding weeks in 1845–50 was 1366.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer was above 30 in. on Tuesday, Wednesday, and Thursday, and the mean of the week was 29·952 in. After Sunday, the mean daily temperature was below the average on every day of the week, and on Tuesday and Wednesday it was respectively 5° and 7° below the average of the same days derived from 10 years. The temperature continued to fall during the first four days, and on Wednesday the mean was 46°·2, after which it rose above 50°. The mean of the week was 50°·9. The wind was generally in the north-east.

Mortality in London Hospitals.

The Table below illustrates two methods of exhibiting the mortality of Hospitals and public institutions with rapidly changing populations. The cases which passed through each Hospital were returned by the resident officers; the average number of sick resident was deduced from five quarterly enumerations; and the mean term of residence in days was obtained by multiplying the Hospital population into 365, and dividing the product by the number of cases.

It will be observed that in 1850, 11 of the General Hospitals of London had 2736 resident patients, and that 2200 deaths took place in the year; the mortality on the population was therefore more than 80 per cent. The patients only remained, on an average, 34 days in Hospital; 29161 passed through the wards; and the mortality was therefore 7·54 per cent. in the 34 days. About 92 in 100 who enter leave the London Hospitals alive.

The average number of lunatics in eight of the large Asylums was 3451; the deaths in the year 1850 were 380; the *annual* rate of mortality was therefore 11 per cent. But the patients remained more than 2 years (2·21 years) in these Asylums; and only 1565 were discharged

recovered, relieved, unrelieved, or dead; consequently 24 in 100 cases terminated fatally, and of 100 who enter, 76 leave the Asylums alive.

In the *Fever Hospital* there were 19 deaths to 100 cases under treatment on an average 26 *days*, which implies that the rate of mortality was 256·76 deaths annually to every 100 patients constantly resident (100 occupied beds). In the *Consumption Hospital* 23 deaths occurred in 100 cases under treatment about 107 days; the rate of mortality implies, therefore, that among a population consisting exclusively of persons labouring under consumption, the mortality would be 78·82 per cent. *annually*.

The one column (5.) shows the mortality of such cases as are sent to Hospitals, not during their whole course, but during the term of treatment; the other column (6.) exhibiting the mortality out of a given number of sick during a given time (a year) indicates the intensity of the mortality in different diseases and Hospitals.

All the cases of illness in the army, slight as well as severe, are treated in the Military Hospitals; to the Civil hospitals only cases of some severity are admitted; the mortality is therefore very different. Some of the differences in the mortality of other Hospitals arise from the same cause; others are accidental.

HOSPITALS OF LONDON.—1850.

Number of Cases treated; Patients resident, or Population; Deaths; Term of Residence; Deaths to 100 *cases; and Annual Deaths to* 100 *of the Sick population.*

No. of District.	—	Total Cases Discharged, Cured or otherwise, or Dead, 1850.	Average Term of Residence in Hospital.	Average Number of Sick in Hospital.	Deaths Registered 1850.	Deaths to 100 Cases.	Deaths to 100 Beds, assumed to be continually occupied by Patients.
	General Hospitals:—		days				
3	St. George	3006	32	264	231	7·69	87·50
4	Westminster	1658	31	141	138	8·32	97·87
5	Charing Cross	1101	33	98	70	6·36	71·43
7	Middlesex	2568	36	256	189	7·36	73·83
9	University College	1131	35	108	128	11·32	118·52
9	Royal Free	766	22	46	37	4·83	80·44
13	King's College	1305	29	105	132	10·11	125·71
18	St. Bartholomew	5557	32	491	372	6·69	75·76
22	London	3870	30	317	278	7·18	87·70
27	Guy's	4037	43	476	357	8·84	75·00
27	St. Thomas	4162	38	434	268	6·44	61·75
	Total (or average)	29161	34	2736	2200	7·54	80·41
	Hospitals for Special Diseases:—						
10	Small Pox	314	17	15	56	17·83	373·33
10	Fever	513	26	37	95	18·52	256·76
1	Lock	397	48	52	..	..	..
1	Consumption	289	107	85	67	23·18	78·82
	Total (or average)	1513	46	189	218	14·41	115·34
	Military and Naval Hospitals:—						
4	Grenadier Guards'	1320	22	80	29	2·20	36·25
4	Coldstream Guards'	878	15	36	17	1·94	47·22
4	Scots Fusilier Guards'	602	36	59	11	1·83	18·64
35	Royal Ordnance	4977	21	285	38	·76	13·33
36	Dreadnought Ship	2121	25	144	78	3·68	54·17
	Total (or average)	9898	22	605	173	1·75	28·60
	Lunatic Asylums, &c.:—		years				
16	St. Luke	203	·97	196	15	7·39	7·65
20	Hoxton House (Miles')	123	3·23	397	45	36·59	11·34
21	Bethnal House (Warburton's)	156	3·38	528	47	30·13	8·90
25	Grove Hall	152	2·66	405	54	35·53	13·33
29	Bethlem	394	·98	387	35	8·88	9·04
32	Surrey New County	234	3·16	739	95	40·60	12·86
33	Peckham House	184	2·60	478	49	26·63	10·25
33	Camberwell House	119	2·70	321	40	33·61	12·46
	Total (or average)	1565	2·21	3451	380	24·28	11·01
	Number of Columns	1	2	3	4	5	6

BIRTHS Registered LAST WEEK, and in the TWENTIETH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1218	1395	1327	1367	1398	1490	1366	1467
Males. . .	619	691	668	672	709	780	690	752
Females . .	599	704	659	695	689	710	676	715

DEATHS Registered LAST WEEK, and in the TWENTIETH Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		734	805	871	862	835	838	978	969	1033	880	880·5	1002
Males . .		343	390	472	443	413	441	512	481	511	464	447·0	555
Females .		391	415	399	419	422	397	466	488	522	416	433·5	447
	Ages.												
Deaths at three periods of life . .	0—15	359	348	406	404	374	375	389	464	480	380	397·9	470
	15—60	237	301	298	287	298	308	360	338	353	288	306·8	346
	60 & up.	135	154	165	170	163	155	229	167	200	197	173·5	183

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Feb. 22.	Mar. 1.	Mar. 8.	Mar. 15.	Mar. 22.	Mar. 29.	Apr. 5.	Apr. 12.	Apr. 19.	Apr. 26.	May 3.	May 10.	May 17.
BIRTHS	1567	1591	1580	1533	1580	1780	1560	1536	1425	1503	1487	1572	1467
DEATHS	1213	1148	1247	1401	1412	1418	1059	1042	998	1075	994	1041	1002
DEATHS (except from Violence) . . .	1187	1125	1242	1378	1387	1289	1036	1033	977	1058	965	1012	965
Deaths (except from Violence) at 60 years and upwards . .	296	255	302	360	384	295	226	225	205	212	216	191	177
Scarlatina	9	19	20	16	15	10	6	13	8	10	13	11	9
Typhus	35	31	36	43	54	38	32	25	37	32	25	43	30
Diarrhœa & Dysentery	18	22	16	17	19	22	14	18	15	22	9	25	18
Cholera	..	..	2	1	1	1	..	..	..	..	..	..	..
Mean Temperature .	42°5	37°6	39°4	40°5	44°9	46°3	43°5	40°3	46°3	9°9	42°8	47°4	50°9

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child-birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," or "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite the above heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851			
	54°·2	52°·8	51°·4	52°·8	50°·4	52°·1	55°·6	60°·8	54°·9	49°·2	Mean 53°·4	50°·9—May 17.			
	May 22 1841	May 21 1842	May 20 1843	May 18 1844	May 17 1845	May 16 1846	May 15 1847	May 20 1848	May 19 1849	May 18 1850	Sum of 10 Weeks	0	15	60	All Ages.
ALL CAUSES	734	805	871	862	835	838	978	969	1033	880	8805	470	346	183	1002†
SPECIFIED CAUSES	726	798	865	858	831	837	974	967	1022	865	8743	469	346	182	997
1. Zymotic Diseases	131	107	176	181	151	122	158	269	236	147	1678	156	27	13	196
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	49	65	54	55	47	40	43	47	49	29	478	1	26	15	42
3. Tubercular Diseases	184	204	217	186	189	177	214	177	187	171	1906	87	126	9	223†
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	95	108	98	130	118	122	112	105	123	109	1120	55	39	26	120
5. Diseases of the Heart and Blood-vessels	11	28	17	24	28	31	31	28	40	35	273	2	25	12	39
6. Diseases of the Lungs, and of the other Organs of Respiration	82	92	106	98	111	111	167	113	169	145	1194	88	42	45	176†
7. Diseases of the Stomach, Liver, and other Organs of Digestion	58	45	59	52	52	66	73	56	58	61	580	18	23	11	52
8. Diseases of the Kidneys, &c.	1	6	5	6	13	13	12	9	11	8	84	..	6	1	7
9. Childbirth, Diseases of the Uterus, &c.	12	5	11	6	5	6	14	16	9	5	89	..	3	..	3
10. Rheumatism, Diseases of the Bones, Joints, &c.	4	5	3	6	9	10	9	6	8	10	70	3	4	..	7
11. Diseases of the Skin, Cellular Tissue, &c.	1	1	..	..	..	..	1	5	..	4	12	..	..	..	..
12. Malformations	..	1	2	1	..	4	3	8	5	3	27	3	..	..	3
13. Premature Birth & Debility	18	28	20	26	14	14	17	25	27	28	217	16	5	..	21
14. Atrophy	8	8	7	7	3	23	26	19	13	14	128	17	..	1	18
15. Age	51	55	64	53	62	38	57	42	43	31	496	..	..	42	42
16. Sudden	6	9	13	6	4	11	8	11	10	28	106	4	2	..	7†
17. Violence, Privation, Cold, and Intemperance	15	31	13	21	25	49	29	31	34	37	285	19	18	7	44
1.—Small-pox	27	3	5	30	21	5	13	29	6	5	144	13	2	..	15
Measles	13	20	33	16	31	16	18	25	32	21	225	37	..	..	37
Scarlatina	6	15	21	41	22	15	15	50	35	16	236	9	..	..	9
Hooping Cough	43	24	56	38	32	42	30	40	67	36	408	64	..	..	64
Croup	7	13	7	8	8	3	2	5	10	5	68	6	..	..	6
Thrush	3	4	4	4	2	..	1	5	3	3	29	..	..	..	..
Diarrhœa	4	3	4	5	7	3	11	14	15	11	77	9	3	3	15
Dysentery	..	..	1	..	1	3	2	1	3	2	13	1	1	1	3
Cholera	..	..	1	1	1	..	..	..	1	1	5	..	..	..	..
Influenza	4	..	2	2	3	1	1	1	2	2	18	2	2	3	7
Purpura and Scurvy	..	1	..	..	..	..	1	1	2	..	5	..	..	..	..
Ague	2	..	..	..	..	1	3	1	..	..	7	..	..	..	..
Remittent Fever	..	1	..	..	..	1	..	3	3	3	11	2	..	..	2
Infantile Fever	*	*	*	*	*	*	*	1	..	2	3	1	..	..	1
Typhus	18	21	39	30	20	25	52	79	42	27	353	10	15	5	30
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	1	5	2	8	..	2	..	2
Rheumatic Fever	*	*	*	*	*	*	*	1	1	1	3	..	..	..	..
Erysipelas	4	2	2	5	3	4	7	11	8	7	53	1	2	1	4
Syphilis	..	..	1	1	..	2	2	1	1	2	10	1	..	..	1
Noma (or Canker)	*	*	*	*	..	1	..	..	..	1	2	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	7	2	2	5	3	4	3	1	8	2	37	..	3	1	4
Dropsy	31	44	32	25	23	16	16	13	17	14	231	1	7	5	13
Abscess	2	2	1	4	2	1	2	2	1	1	18	..	1	..	1
Ulcer	..	..	..	2	1	1	2	2	..	1	9	..	..	..	..
Fistula	1	..	1	..	..	..	..	2	1	1	6	..	..	..	..
Mortification	2	1	4	3	5	2	3	4	3	..	27	..	1	1	2
Cancer	6	14	11	14	12	15	13	22	18	10	135	..	12	6	18
Gout	..	2	3	2	1	1	4	1	1	..	15	..	2	2	4
3.—Scrofula	1	4	3	2	3	9	2	10	9	9	52	12	2	1	15
Tabes Mesenterica	4	7	12	12	5	18	15	14	18	14	119	19	..	..	19
Phthisis (or Consumption)	147	158	153	138	151	120	157	120	133	124	1401	22	122	8	153†
Hydrocephalus	32	35	49	34	30	30	40	33	27	24	334	34	2	..	36

* See Note, page 155.

in the TWENTIETH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 50°·9—May 17.			
	54°·2	52°·8	51°·4	52°·8	50°·4	52°·1	55°·6	60°·8	54°·9	49°·2	Mean 53°·4				
	May 22 1841	May 21 1842	May 20 1843	May 18 1844	May 17 1845	May 16 1846	May 15 1847	May 20 1848	May 19 1849	May 18 1850	Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	18	14	11	9	8	17	11	16	9	9	122	11	5	1	17
Apoplexy	11	13	20	26	21	27	20	15	19	29	201	1	17	12	30
Paralysis	14	14	15	17	12	18	19	24	30	19	182	..	2	10	12
Delirium Tremens	2	3	1	1	2	1	2	7	3	4	26	..	2	1	3
Chorea	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
Epilepsy	1	5	9	2	2	12	8	5	3	5	52	..	7	1	8
Tetanus	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
Insanity	..	3	2	..	..	3	..	1	1	1	11	..	..	..	..
Convulsions	45	50	33	60	58	30	42	24	37	26	405	39	1	..	40
Disease of Brain, &c.	4	6	7	15	14	13	10	13	21	16	119	4	5	1	10
5.—Pericarditis	..	..	2	2	1	..	1	2	2	2	12	..	..	..	..
Aneurism	1	..	..	..	..	2	1	..	2	1	7	..	..	..	..
Disease of Heart, &c.	10	28	15	22	27	29	29	26	36	32	254	2	25	12	39
6.—Laryngitis	1	..	2	1	3	2	4	6	2	6	27	2	1	..	3
Bronchitis	9	9	18	14	18	36	59	34	54	52	303	20	18	33	72†
Pleurisy	1	2	3	..	2	3	3	5	4	3	26	1	4	..	5
Pneumonia	43	48	56	50	63	54	67	50	86	63	580	63	8	6	77
Asthma	15	17	12	10	11	9	20	9	14	14	131	..	7	5	12
Disease of Lungs, &c.	13	16	15	23	14	7	14	9	9	7	127	2	4	1	7
7.—Teething	16	15	15	10	8	8	7	10	9	10	108	8	..	..	8
Quinsey	2	..	2	1	..	4	2	..	3	..	14	1	..	..	1
Gastritis	19	14	11	1	1	1	8	1	1	2	114	..	2	1	3
Enteritis				9	11	12	7	5	5	6		2	2	1	5
Peritonitis	3	1	1	4	4	4	7	6	3	4	37	1	..	2	3
Ascites	..	..	1	..	1	3	..	1	2	1	9	..	1	..	1
Ulceration (of Intestines)	2	1	2	..	3	2	1	2	1	4	18	1	..	..	1
Hernia	4	..	2	2	2	1	1	9	3	1	25	..	2	2	4
Ileus	3	4	3	1	3	3	4	2	2	7	32	1	1	1	3
Intussusception	..	..	2	..	1	2	..	..	..	1	6	..	..	1	1
Stricture of Intestinal Canal	..	..	..	1	..	..	1	1	1	..	4	..	1	..	1
Disease of Stomach, &c.	1	1	5	5	6	9	7	5	7	4	50	3	2	2	7
Disease of Pancreas	..	..	..	..	..	..	..	2	..	..	2	..	..	..	..
Hepatitis	1	1	4	1	2	7	6	5	5	5	37	1	3	..	4
Jaundice	..	1	3	3	3	..	2	1	1	..	14	..	1	..	1
Disease of Liver	7	6	8	14	7	10	20	6	15	16	109	..	8	1	9
Disease of Spleen	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
8.—Nephritis	..	1	..	..	..	1	1	..	..	..	3	..	1	..	1
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	3	2	3	8	..	2	..	2
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diabetes	..	..	..	..	..	2	2	..	..	1	5	..	1	..	1
Stone	..	..	..	1	3	1	..	1	..	1	7	..	..	..	..
Cystitis	1	..	..	..	1	2	..	..	..	1	5	..	..	..	..
Stricture of Urethra	..	1	1	3	2	..	..	1	1	..	9	..	..	1	1
Disease of Kidneys, &c.	..	4	4	2	7	7	9	4	8	2	47	..	2	..	2
9.—Paramenia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ovarian Dropsy	..	..	1	..	..	..	1	1	..	..	3	..	..	..	..
Childbirth (*see* Metria)	9	4	10	3	2	5	11	8	6	2	60	..	3	..	3
Disease of Uterus, &c.	3	1	..	3	3	1	2	7	3	3	26	..	..	..	..
10.—Arthritis	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
Rheumatism	1	2	1	3	3	9	6	5	4	5	39	1	3	..	4
Disease of Joints, &c.	3	3	2	3	5	1	3	1	4	5	30	2	1	..	3
11.—Carbuncle	..	..	..	..	..	..	..	1	..	1	2	..	..	..	..
Phlegmon	..	..	..	..	..	..	1	2	..	2	5	..	..	..	..
Disease of Skin, &c.	1	1	..	..	..	..	..	2	..	1	5	..	..	..	..
17.—Intemperance	..	..	..	2	2	3	..	2	2	1	12	..	1	1	2
Privation of Food	..	..	.	..	..	..	..	..	..	1	1	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	..	4	5	9	5	..	..	5
Neglect	*	*	*	*	*	*	*	..	2	..	2	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	1	4	..	5	..	3	..	3
Burns and Scalds	*	*	*	*	*	*	*	3	2	7	12	7	1	..	8
Hanging and Suffocation	*	*	*	*	*	*	*	6	1	8	15	2	..	1	3
Drowning	*	*	*	*	*	*	*	8	2	3	13	..	5	..	5
Fractures	*	*	*	*	*	*	*	7	13	10	30	4	5	4	13
Wounds	*	*	*	*	*	*	*	2	4	2	8	..	3	1	4
Other Violence	*	*	*	*	*	*	*	2	..	..	2	1	..	..	1
All Violence	15	31	13	19	23	46	29	29	26	30	261	14	17	6	37
Causes not specified	8	7	6	4	4	1	4	2	11	15	62	1	..	1	2

* See Note, page 155.

Deaths Registered in the Twentieth Week of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			54°·2	52°·8	51°·4	52°·8	50°·4	52°·1	55°·6	60°·8	54°·9	49°·2	Mean 53°·4	50°·9
			May 22	May 21	May 20	May 18	May 17	May 16	May 15	May 20	May 19	May 18	Sum of 10 Weeks.	May 17,
	1831	1841	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1654994	1948369	734	805	871	862	835	838	978	969	1033	880	8805	1002
1–6. West Districts .	252761	301189	97	119	139	149	136	125	150	130	157	140	1342	165
7–11. North Districts .	306185	376568	150	155	164	141	144	159	169	189	186	189	1646	186
12–19. Central Districts	355502	374199	166	165	181	166	141	145	180	162	166	144	1616	171
20–25. East Districts .	330736	393067	151	165	192	178	187	180	215	233	192	166	1859	225
26–36. South Districts .	409810	503346	170	201	195	228	227	229	264	255	332	241	2342	255
1. Kensington . . HL	52981	74898	23	25	30	32	31	31	41	28	38	45	324	43
2. Chelsea . . . *W* H	32371	40243	12	11	30	30	30	21	25	24	29	20	232	21
3. St.GeorgeHanover-sq.H	58209	66657	22	19	26	26	29	22	30	22	17	18	231	29
4. Westminster HHPP	48177	56802	19	31	25	35	25	32	28	28	43	33	299	39
5. St.Martin-in-the-Flds. H	23970	25132	7	15	15	10	8	12	13	10	15	9	114	15
6. St. James Westminster	37053	37457	14	18	13	16	13	7	13	18	15	15	142	18
7. Marylebone . . . H	122206	138383	67	61	61	58	55	49	56	53	53	62	575	68
8. Hampstead	8588	140078	*	*	*	*	*	*	3	2	6	2	13	3
9. Pancras . . *W* HH	103548		46	61	64	47	53	72	65	74	67	84	633	65
10. Islington . . . HP	37316	55779	21	18	19	20	24	22	21	37	41	22	245	28
11. Hackney . . . . H	34527	42328	16	15	20	16	12	16	24	23	19	19	180	22
12. St. Giles	52907	54378	16	16	28	19	12	23	23	22	31	24	214	29
13. Strand (wkh. in 9) . H	42015	43667	24	16	29	26	14	16	15	16	22	14	192	21
14. Holborn	42696	44532	18	20	25	17	14	15	29	24	21	15	198	19
15. Clerkenwell . . PP	47634	56799	30	23	20	19	23	25	18	24	20	21	223	27
16. St. Luke (wkh. in 20) L	46642	49308	32	23	17	20	20	22	17	25	25	24	225	15
17. East London . . . P.	38311	39718	11	23	14	16	20	13	17	13	14	12	153	14
18. West London *W* HPPP	28217	29188	18	20	21	22	19	19	22	24	17	20	202	21
19. City of Lon. (wkh. in 25)	57080	56009	17	24	27	27	19	12	39	14	16	14	209	25
20. Shoreditch . . *W* L	68564	83564	31	38	69	47	46	45	56	48	52	31	463	49
21. Bethnal Green . . L	62018	74206	21	20	29	31	28	46	38	41	31	28	313	29
22. Whitechapel . . . H	64141	71879	38	43	36	35	37	29	48	49	31	34	380	57
23. St. George-in-the-East .	38505	41416	15	18	13	16	19	11	20	34	12	18	176	20
24. Stepney . . . . H	72442	90831	39	35	35	41	41	47	39	46	40	39	402	41
25. Poplar . . . *W* L	25066	31171	7	11	10	8	16	2	14	15	26	16	125	29
26. St. Saviour . . H H	31711	33027	13	13	20	21	13	16	16	23	24	23	182	17
27. St. Olave . . . H H	20021	19869	14	21	21	21	21	23	16	18	33	13	201	25
28. Bermondsey	29741	35002	15	15	13	20	20	14	15	17	25	13	167	19
29. St. Geo. Southwk. LPP	39769	46718	24	27	25	24	31	14	24	13	26	18	226	30
30. Newington . . . P	44526	54693	16	17	20	17	26	23	30	26	33	17	225	28
31. Lambeth	87856	116072	45	37	33	42	46	47	56	55	70	45	476	51
32. Wandsworth . . . L	33090	39918	*	*	*	15	9	24	15	22	27	19	131	17
33. Camberwell . . LL	28231	39931	8	11	21	19	12	22	26	18	25	21	183	17
34. Rotherhithe	12875	13940	9	5	5	11	6	4	6	9	7	4	66	2
35. Greenwich . HHHP	63564	81125	26	55	37	38	43	42	53	44	53	61	452	42
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	7	10	9	7	33	7

Note.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 8805; which, divided by 10, gives 881 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1851, by adding to it an eleventh part; thus, 881 divided by 11 is about 80, which added to 881, makes the corrected average 961. The corrected average for small-pox, or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 144 in 10 weeks; the average was 14; the corrected average 15. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5\cdot5} = 1{\cdot}0883 = 1 + \frac{1}{11\cdot3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11\cdot3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary]	1	.	1
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	.	.	.
2 *St. George Hanover Square [Chelsea N.W.]*	.	.	.
3 St. George Hanover Square [May Fair]	2	.	2
4 Westminster [St. Margaret]	3	.	3
5 St. Martin-in-the-Fields [Charing Cross]	.	.	.
6 St. James Westminster [Golden Square]	.	1	1
7 Marylebone [Rectory]	4	4	8
9 *Strand [Tottenham Court]*	.	.	.
9 Pancras [Camden Town]	5	1	6
10 Islington [West]	.	.	.
11 Hackney [Hackney]	.	2	2
12 St. Giles [South]	5	2	7
14 Holborn [St. Andrew East]	3	1	4
15 Clerkenwell [St. James]	.	.	.
17 East London [St. Botolph]	.	4	4
18 *East London [West London North]*	.	1	1
18 West London [North]	1	.	1
20 Shoreditch [Haggerstone West]	2	2	4
20 *St. Luke [Hoxton New Town]*	2	.	2
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	1	1
22 Whitechapel [North]	4	3	7
23 St. George-in-the-East [St. John]	2	.	2
24 Stepney [Shadwell]	1	2	3
24 Stepney [Ratcliff]	.	1	1
24 Stepney [Mile End Old Town Lower]	1	.	1
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	2	2	4
25 Poplar [Poplar]	2	.	2
26 St. Saviour [Christchurch]	.	1	1
27 St. Olave [St. John Horselydown]	1	1	2
28 Bermondsey [St. Mary Magdalen]	.	1	1
29 St. George Southwark [Borough Road]	6	2	8
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2nd]	1	.	1
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	.	.	.
33 Camberwell [Camberwell]	.	.	.
34 Rotherhithe	.	.	.
35 Greenwich [East]	.	.	.
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	48	32	80

HOSPITALS.

Military and Naval Asylums :—

35 Royal Hospital Greenwich [East] Pensioners	5	.	5
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	1	.	1
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	6	.	6

General Hospitals :—

3 St. George [Belgrave]	4	.	4
4 Westminster [St. Margaret]	5	.	5
5 Charing Cross [Charing Cross]	2	.	2
7 Middlesex [All Souls]	4	2	6
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	2	.	2
18 St. Bartholomew [West London North]	3	4	7
22 London [Whitechapel Church]	7	7	14
27 Guy's [St. Olave and St. Saviour]	7	3	10
27 St. Thomas [St. Olave & St. Saviour]	3	1	4
Total	37	17	54

Hospitals for Special Diseases :—

10 Small Pox [Islington West]	.	.	.
10 Fever [Islington West]	.	1	1
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	2	3
Total	1	3	4

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c. :—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	1	1	2
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	2	.	2
33 Peckham House [Camberwell]	1	.	1
33 Camberwell House [Camberwell]	.	.	.
Total	4	1	5
Military and Naval Hospitals :—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	1	.	1
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	1	.	1
Total	2	.	2
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.

PRISONS.

4 Bridewell [St. Margaret, Westminster]	.	1	1
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	1	1

Workhouses	48	32	80
Military and Naval Asylums	6	.	6
General Hospitals	37	17	54
Hospitals for Special Diseases	1	3	4
Lying-in Hospitals	.	.	.
Lunatic Asylums	4	1	5
Military and Naval Hospitals	2	.	2
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	1	1
Total in Public Institutions	98	54	152

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 17th May, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
May.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday .	11	Perigee.	29·625	66·0	39·0	56·1	41·7	82·0	36·0	55·0	50·7	14·4	15·8	0·0	+ 3·2	Calm.	N.E.	0·0	0·0	0·0	75	0·00
Monday .	12	In Equa.	29·844	60·0	47·8	51·8	49·0	77·0	35·0	55·0	51·0	2·8	7·2	0·0	— 1·1	N.	N.E.	0·0	0·0	0·0	65	0·05
Tuesday .	13	..	30·142	58·0	43·1	48·4	38·7	76·0	24·8	55·0	51·0	9·7	15·0	0·0	— 4·7	N.N.E.	N.	3·0	0·0	0·2	75	0·01
Wednesday	14	..	30·203	58·0	36·0	46·2	34·7	77·0	21·0	55·3	51·5	11·5	17·4	0·0	— 7·0	N.N.E.	E.N.E.	2·0	0·0	0·1	75	0·01
Thursday .	15	Full.	30·080	62·0	34·9	50·7	37·7	85·5	24·4	55·0	50·5	13·0	16·2	0·0	— 2·7	N.E.	E.N.E.	0·0	0·0	0·0	20	0·00
Friday .	16	..	29·930	66·5	35·7	52·7	40·9	83·0	35·3	55·5	51·5	11·8	18·4	0·0	— 0·9	Calm.	N. and W.S.W	0·0	0·0	0·0	70	0·00
Saturday	17	..	29·843	53·5	45·1	50·5	48·3	70·0	..	55·1	51·5	2·2	8·1	1·8	— 3·4	W.S.W.	S.	0·0	0·0	0·0	85	0·00
Means . .		..	29·952	61·3	40·2	50·9	41·6	78·6	29·4	55·1	51·1	9·3	14·0	0·3	— 2·4	N.E.		..	..	..	Sum 465	Sum 0·07
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

Sunday . .	Nothing was shown at any examinafion.
Monday . .	Negative, and active at noon.
Tuesday .	Nothing was shown throughout the day.
Wednesday	Nothing was shown throughout the day.
Thursday .	Positive, and tension strong throughout the day.
Friday . .	Positive, and tension moderate during the afternoon.
Saturday .	Nothing was shown throughout the day.

GENERAL REMARKS.

The sky was for the most part free from cloud till near noon, and overcast during the remainder of the day; cumuli, cirrostrati, and fleecy clouds.

The sky, with slight exceptions, was covered with cloud throughout the day; cirrostratus. A shower of rain fell at noon.

The sky was overcast till near noon, and three-fourths covered during the remainder of the day; cumulostrati, cirrostrati. and scud.

The sky was covered with cloud till 5 P.M., and clear afterwards; cirrostratus.

The sky was generally free from cloud during the morning; three-fourths covered till the evening, and clear at night.

The sky was clear during the morning, and covered with cloud afterwards; cumuli, cumulostrati, aud light clouds.

The sky was overcast till 4 P.M., and generally clear afterwards; cirrostratus.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12. are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 53·3°; and the mean reading at 9h. P.M. was 49·2°; the mean readings at the Royal Observatory for the same times were 52·6° and 47·6° respectively.

The reading of the barometer increased from 29·58 in. at the beginning of the week to 30·22 in. by the 14th at 9h. A.M.; and decreased to 29·83 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, May 24. [No. 21.

HEALTH OF LONDON DURING THE WEEK.

A thousand deaths were registered in the Metropolitan districts in the week ending last Saturday, being a mortality of almost the same amount as was recorded in the previous week. A review of returns made at the same period in former years will show that the present rate of mortality is rather great for the season; for in the ten corresponding weeks of 1841–50 the deaths were under 900 in all except two cases, and the average was 872. This average, with a certain addition in proportion to the supposed rate of increase in the population, is 951; compared with which the 1000 deaths of last week exhibit an excess of 49.

The identity or close approximation of some of the results in the present Return to those of the preceding week is worthy of remark. Last week the zymotic or epidemic class of diseases numbered 197 fatal cases, in the previous week 196; the class which includes diseases of the brain, spinal marrow, &c. numbered 121 last week, and 120 in the previous; diseases of the heart and blood-vessels were fatal to 39 persons in either of the last two weeks, and also the deaths from diseases of the respiratory organs amounted both times exactly to 176. Phthisis, bronchitis, and pneumonia numbered respectively 148, 71, and 80 in the present return; and 153, 72, and 77 in that of the preceding week. Of persons whose age was 60 or upwards, and whose deaths are attributed to *old age* or natural decay, the fatal disease not being better defined, 40 and 42 are the numbers recorded in the two weeks; but with regard to infants who died from "debility," or prematurity of birth, the discrepancy is great, for while 42 are enumerated this week, in the previous there were only 21.

Last week 15 deaths of young persons from small-pox, and 3 of persons above 20, were registered. These last occurred in the Small-pox Hospital at Holloway, and the particulars are as follow:—

On the 16th May, a seaman from the United States, aged 31 years, "small-pox, confluent, unprotected,—gonorrhœa and gangrene (38 days)."

On 19th May, a seaman from Hull, aged 36 years, "small-pox, confluent, malignant, unmodified (vaccinated, two cicatrices) 9 days."

On 22nd May, a baker from Bartholomew-close, aged 23 years, "small-pox, confluent, unmodified (vaccinated, no cicatrix) 11 days."

Measles was fatal in 42 cases, scarlatina in 17, hooping-cough in 59, diarrhœa in 12, influenza in 9, and typhus in 18. Measles considerably exceeds the average; but epidemic diseases in the aggregate do not differ much from the usual amount. The increased rate of mortality that now prevails arises chiefly from bronchitis, pneumonia, and hooping-cough.

At Crown-square, Camberwell, the daughter of a labourer, aged 3 years, died of "mortification of the bowels by metallic poison, from swallowing a farthing accidentally." *Post mort.* (*Inquest.*)

Last week the births of 748 boys, and 686 girls, in all 1434 children, were registered. The average of six corresponding weeks in 1845–50 was 1314.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer was above 30 in. on every day of the week after Monday. It rose continuously on the last five days. The mean of the week was 30·026 in. The mean daily temperature was below the average of the same day in 10 years, on every day except Thursday. The mean temperature of the week was 53°. The wind was variable, but on four days was much in the north-west.

The following selections are made from the Registrars' Reports:—

In Marylebone, Rectory sub-district, at 15 York-court, on 21st May, the daughter of a labourer, aged 4 months, died of variola (5 days), after vaccination. Mr. Joseph mentions that "the child had been successfully vaccinated 2 months ago, in Gray's-Inn-lane, and several children had been also vaccinated from her arm."

In St. Giles-in-the-fields, South sub-district, at 6 Lincoln-court, on 22nd May, the son of a labourer, aged 8 years, died of "variola maligna." Mr. Faulkner adds that "the child was never vaccinated, the parents considering it useless, because the father had small-pox, although he had been vaccinated."

In Whitechapel, Artillery sub-district, at 6 Cock-alley, Norton Folgate, on 17th May, the daughter of a cork-cutter, aged 7 years, died of "hydrocephalus." This is described by Mr. Mason as "a very confined, unhealthy situation."

In Lambeth, Waterloo (second part), at 5 Granby-place, on 18th May, the daughter of a sawyer, aged 9 months, died of "variola (1 week)." Accordiug to a statement received by Mr. Daws, two other children in the house, and informant herself, were attacked with variola, one of the children in a serious manner; and they had all three been efficiently vaccinated, but the deceased was unprotected. The medical attendant, who has been in extensive practice amongst all classes in the neighbourhood for many years, states that he never met with a fatal case of variola where the patient had been properly vaccinated.

In the same sub-district, at 19 Lambeth-square, on 21st May, the son of a tailor, aged 4 years, died of "variola confluens (11 days)." The Registrar states that "the deceased a few days ago was admitted to Guy's Hospital, on account of an accident, but on the appearance of small-pox was sent home again. The deceased was not vaccinated. There are several other children in the house, who are protected, all of whom have hitherto escaped infection."

BIRTHS Registered LAST WEEK, and in the TWENTY-FIRST Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1194	1297	1267	1472	1311	1342	1314	1434
Males. . .	598	686	653	763	685	676	677	748
Females . .	596	611	614	709	626	666	637	686

DEATHS Registered LAST WEEK, and in the TWENTY-FIRST Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		833	833	859	876	810	860	911	979	897	866	872·4	1000
Males . .		426	406	457	439	389	405	487	505	456	459	442·9	512
Females .		407	427	402	437	421	455	424	474	441	407	429·5	488
	Ages.												
Deaths at three periods of life . .	0—15	380	383	333	431	385	373	410	478	428	359	396·0	478
	15—60	312	290	334	274	259	323	295	346	294	308	303·5	324
	60 & up.	138	157	188	171	164	164	206	155	174	189	170·6	198

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Mar. 1.	Mar. 8.	Mar. 15.	Mar. 22.	Mar. 29.	Apr. 5.	Apr. 12.	Apr. 19.	Apr. 26.	May 3.	May 10.	May 17.	May 24.
BIRTHS	1591	1580	1533	1580	1780	1560	1536	1425	1503	1487	1572	1467	1434
DEATHS	1148	1247	1401	1412	1418	1059	1042	998	1075	994	1041	1002	1000
DEATHS (except from Violence) . . .	1125	1242	1378	1387	1289	1036	1033	977	1058	965	1012	965	990
Deaths (except from Violence) at 60 years and upwards . .	255	302	360	384	295	226	225	205	212	216	191	177	197
Scarlatina	19	20	16	15	10	6	13	8	10	13	11	9	17
Typhus	31	36	43	54	38	32	25	37	32	25	43	30	18
Diarrhœa & Dysentery	22	16	17	19	22	14	18	15	22	9	25	18	14
Cholera	..	2	1	1	1	..	..	..	..	..	..	..	..
Mean Temperature .	37°·6	39°·4	40°·5	44°·9	46°·3	43°·5	40°·3	46°·3	9°·9	42°·8	47°·4	50°·9	53°·0

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child-birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," or "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite the above heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 53°·0—May 24.			
	63°·3	55°·2	54°·9	52°·0	46°·2	53°·2	58°·4	59°·9	56°·9	55°·5	Mean 55°·5				
	May 29 1841	May 28 1842	May 27 1843	May 25 1844	May 24 1845	May 23 1846	May 22 1847	May 27 1848	May 26 1849	May 25 1850	Sum of 10 Weeks	0	15	60	All Ages.
ALL CAUSES	833	833	859	876	810	860	911	979	897	866	8724	478	324	198	1000
SPECIFIED CAUSES	821	830	855	873	805	858	911	975	893	855	8676	476	324	198	998
1. Zymotic Diseases	128	148	183	206	158	120	201	286	233	156	1819	165	23	9	197
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	49	43	57	52	58	41	36	43	47	48	474	5	13	16	34
3. Tubercular Diseases	207	207	204	196	163	193	166	185	155	168	1844	70	129	7	206
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	128	114	96	105	120	130	122	124	122	102	1163	57	30	34	121
5. Diseases of the Heart and Blood-vessels	11	30	23	32	24	40	36	28	20	36	280	5	22	12	39
6. Diseases of the Lungs, and of the other Organs of Respiration	94	89	88	99	104	112	115	85	139	138	1063	78	47	51	176
7. Diseases of the Stomach, Liver, and other Organs of Digestion	61	48	61	60	47	58	68	49	51	57	560	24	26	17	67
8. Diseases of the Kidneys, &c.	7	4	7	4	10	7	12	7	12	8	78	..	8	3	11
9. Childbirth, Diseases of the Uterus, &c.	12	9	12	5	15	10	9	5	6	9	92	..	10	2	12
10. Rheumatism, Diseases of the Bones, Joints, &c.	5	3	8	4	3	12	9	9	5	6	64	1	5	3	9
11. Diseases of the Skin, Cellular Tissue, &c.	1	2	..	2	2	3	1	1	2	3	17	2	1	1	4
12. Malformations	1	..	2	..	2	2	3	1	1	1	13	..	..	..	..
13. Premature Birth & Debility	19	23	17	18	22	15	18	32	18	18	200	41	1	..	42
14. Atrophy	6	6	6	14	11	13	23	30	19	18	146	18	2	2	22
15. Age	58	62	65	54	54	39	51	32	27	39	481	..	..	40	40
16. Sudden	13	11	9	7	8	21	9	7	9	10	104	4	..	..	4
17. Violence, Privation, Cold, and Intemperance	21	31	17	15	4	42	32	51	27	38	278	6	7	1	14
1.—Small-pox	13	5	10	36	26	4	11	33	8	8	154	15	3	..	18
Measles	11	32	34	23	26	8	33	26	28	24	245	41	1	..	42
Scarlatina	8	17	27	49	18	11	26	78	34	13	281	17	..	..	17
Hooping Cough	45	39	35	27	32	30	35	33	60	35	380	59	..	..	59
Croup	5	10	5	15	8	6	2	5	7	5	68	1	..	..	1
Thrush	4	1	2	..	..	6	5	5	2	1	26	1	..	..	1
Diarrhœa	7	7	3	8	7	15	14	14	19	11	105	9	1	2	12
Dysentery	1	2	1	..	2	1	1	2	5	2	17	..	1	1	2
Cholera	..	..	2	..	..	..	1	..	5	..	8	..	..	..	..
Influenza	3	3	..	4	..	2	1	4	1	2	20	2	4	3	9
Purpura and Scurvy	1	1	..	..	1	..	2	..	1	..	6	..	1	1	2
Ague	1	2	..	1	..	..	2	1	1	1	9	..	..	..	..
Remittent Fever	1	1	..	1	1	2	1	3	3	1	14	2	..	..	2
Infantile Fever	*	*	*	*	*	*	*	..	..	1	1	1	..	..	1
Typhus	24	22	59	32	27	20	54	66	43	32	379	8	8	2	18
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	8	5	6	19	..	1	..	1
Rheumatic Fever	*	*	*	*	*	*	*	..	1	1	2	..	1	..	1
Erysipelas	3	5	4	4	9	4	9	7	8	8	61	5	1	..	6
Syphilis	1	1	1	6	1	2	4	1	1	4	22	2	1	..	3
Noma (or Canker)	*	*	*	*	..	..	..	..	1	1	2	2	..	..	2
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	2	2	3	4	2	4	4	3	..	8	32	..	1	..	1
Dropsy	34	29	35	27	34	15	16	10	15	18	233	1	4	5	10
Abscess	2	2	..	2	..	1	..	3	3	2	15	1	2	..	3
Ulcer	1	..	..	..	..	1	..	1	1	1	5	..	..	..	..
Fistula	..	..	..	..	..	1	..	..	..	1	2	..	..	..	..
Mortification	3	4	4	5	6	1	..	5	4	2	34	3	1	5	9
Cancer	7	6	15	14	16	18	16	19	22	16	149	..	4	6	1 0
Gout	..	..	..	..	..	..	..	2	2	..	4	..	1	..	1
3.—Scrofula	5	2	2	4	2	5	4	6	12	5	47	5	1	..	6
Tabes Mesenterica	7	4	6	8	20	23	20	23	16	16	143	12	..	1	13
Phthisis (or Consumption)	151	161	163	136	116	133	116	124	103	125	1328	14	128	6	148
Hydrocephalus	44	40	33	48	25	32	26	32	24	22	326	39	..	..	39

* See Note, page 163

in the TWENTY-FIRST Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 53°·0—May 24.			
	63°·3	55°·2	54°·9	52°·0	46°·2	53°·2	58°·4	59°·9	56°·9	55°·5	Mean 55°·5				
	May 29	May 28	May 27	May 25	May 24	May 23	May 22	May 27	May 26	May 25	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
4.—Cephalitis	32	9	15	10	12	14	21	16	10	6	145	9	3	1	13
Apoplexy	16	14	22	21	17	33	27	24	23	24	221	7	11	14	32
Paralysis	15	15	22	17	14	16	12	22	31	19	183	..	7	16	23
Delirium Tremens	2	2	2	3	1	4	2	5	2	4	27	..	..	..	..
Chorea	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Epilepsy	4	4	2	8	5	7	9	6	6	4	55	..	2	1	3
Tetanus	..	..	..	..	..	..	..	..	1	1	2	..	..	..	..
Insanity	..	1	..	1	..	3	1	2	2	3	13	..	1	..	1
Convulsions	45	63	32	40	54	41	43	38	41	27	424	40	1	..	41
Disease of Brain, &c.	13	6	1	5	17	12	7	11	6	14	92	1	5	2	8
5.—Pericarditis	..	2	2	3	2	4	..	1	1	2	17	1	1	..	2
Aneurism	..	1	3	..	1	..	..	5	3	2	15	..	..	1	1
Disease of Heart, &c.	11	27	18	29	21	36	36	22	16	32	248	4	21	11	36
6.—Laryngitis	1	1	..	..	1	3	2	6	2	5	21	..	..	..	..
Bronchitis	12	9	16	10	12	43	38	28	55	60	283	22	18	21	71
Pleurisy	3	1	3	2	1	..	9	4	3	2	28	..	3	..	3
Pneumonia	58	55	40	62	53	48	46	32	61	49	504	55	17	8	80
Asthma	10	15	19	12	16	8	12	8	9	12	121	..	6	11	17
Disease of Lungs, &c.	10	8	10	13	21	10	8	7	9	10	106	1	3	1	5
7.—Teething	16	11	12	8	13	8	10	11	10	10	109	18	..	..	18
Quinsey	1	1	2	1	..	3	2	2	..	1	13	..	..	..	..
Gastritis }	15	14	11	..	2	2	4	..	3	1	103	1	2	3	6
Enteritis }				11	6	8	8	6	4	8		2	2	3	7
Peritonitis	1	..	4	3	2	4	4	5	5	7	35	..	5	..	5
Ascites	..	1	1	3	1	..	3	2	4	1	16	..	1	2	3
Ulceration (of Intestines)	1	2	4	1	3	4	..	3	2	1	21	..	2	..	2
Hernia	3	1	1	5	..	2	2	2	..	2	18	..	..	2	2
Ileus	3	2	2	3	3	..	7	1	1	2	24	1	2	..	3
Intussusception	..	..	..	1	1	..	2	..	..	..	4	1	..	..	1
Stricture of Intestinal Canal	1	1	..	1	..	..	..	..	1	..	4	..	1	..	1
Disease of Stomach, &c.	2	6	7	5	7	4	10	6	6	8	61	..	1	4	5
Disease of Pancreas	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Hepatitis	1	1	..	3	..	4	1	2	1	..	13	..	..	1	1
Jaundice	2	1	3	6	2	1	2	3	2	2	24	1	2	1	4
Disease of Liver	15	7	14	9	7	18	13	6	11	12	112	..	8	1	9
Disease of Spleen	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..
8.—Nephritis	1	..	..	1	..	3	1	..	1	..	7	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	1	3	1	5	..	1	1	2
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diabetes	2	..	..	..	1	1	1	..	2	..	7	..	..	..	..
Stone	1	..	..	..	1	..	3	1	1	1	8	..	1	..	1
Cystitis	..	..	..	..	..	..	..	1	..	1	2	..	1	..	1
Stricture of Urethra	..	1	4	..	..	..	..	3	1	..	9	..	1	..	1
Disease of Kidneys, &c.	3	3	3	3	8	3	7	1	4	5	40	..	4	2	6
9.—Paramenia	..	1	..	..	..	..	..	1	..	..	2	..	..	..	..
Ovarian Dropsy	1	..	..	..	2	1	2	..	1	..	7	..	3	1	4
Childbirth (*see* Metria)	9	5	9	4	12	6	5	3	5	6	64	..	5	..	5
Disease of Uterus, &c.	2	3	3	1	1	3	2	1	..	3	19	..	2	1	3
10.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	3	..	..	1	1	8	5	7	2	2	29	1	4	2	7
Disease of Joints, &c.	2	3	8	3	2	4	4	2	3	4	35	..	1	1	2
11.—Carbuncle	..	..	..	..	..	..	..	..	1	..	1	..	1	..	1
Phlegmon	..	..	..	1	..	1	..	..	1	1	4	..	..	..	..
Disease of Skin, &c.	1	2	..	1	2	2	1	1	..	2	12	2	..	1	3
17.—Intemperance	2	..	..	1	..	4	2	1	2	2	14	..	1	..	1
Privation of Food	..	..	..	2	..	1	1	..	..	..	4	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	2	2	2	6	3	..	..	3
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	3	2	..	5	1	1	..	2
Burns and Scalds	*	*	*	*	*	*	*	6	5	2	13	..	1	..	1
Hanging and Suffocation	*	*	*	*	*	*	*	..	1	5	6	1	1	..	2
Drowning	*	*	*	*	*	*	*	8	4	12	24	..	3	..	3
Fractures	*	*	*	*	*	*	*	27	7	10	44	1	..	..	1
Wounds	*	*	*	*	*	*	*	3	3	1	7	..	..	..	..
Other Violence	*	*	*	*	*	*	*	1	1	4	6	..	..	1	1
All Violence	19	31	17	12	4	37	29	48	23	34	254	3	6	1	10
Causes not specified	12	3	4	3	5	2	..	4	4	11	48	2	..	..	2

* See Note, page 163.

DEATHS Registered in the TWENTY-FIRST WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			63°·3	55°·2	54°·9	52°·0	46°·2	53°·2	58°·4	59°·9	56°·9	55°·5	Mean 55°·5	53°·0
	1831	1841	May 29 1841	May 28 1842	May 27 1843	May 25 1844	May 24 1845	May 23 1846	May 22 1847	May 27 1848	May 26 1849	May 25 1850	Sum of 10 Weeks.	May 24, 1851
LONDON	1654994	1948369	833	833	859	876	810	860	911	979	897	866	8724	1000
1–6. WEST DISTRICTS .	252761	301189	131	148	155	132	140	122	129	151	151	142	1401	140
7–11. NORTH DISTRICTS .	306185	376568	166	153	156	179	137	186	179	186	195	166	1703	191
12–19. CENTRAL DISTRICTS	355502	374199	179	169	163	136	158	144	139	163	152	132	1535	182
20–25. EAST DISTRICTS .	330736	393067	150	165	175	191	167	206	214	211	172	166	1817	196
26–36. SOUTH DISTRICTS .	409810	503346	207	198	210	238	208	202	250	268	227	260	2268	291
1. Kensington . . HL	52981	74898	34	34	29	22	34	27	36	44	29	51	340	47
2. Chelsea . . . *W*H	32371	40243	17	25	20	25	24	21	21	14	24	21	212	27
3. St.GeorgeHanover-sq.H	58209	66657	31	28	39	28	25	17	17	34	26	28	273	21
4. Westminster HHPP	48177	56802	28	25	38	36	38	31	29	36	45	20	326	25
5. St.Martin-in-the-Flds. H	23970	25132	11	20	10	13	10	14	13	11	4	13	119	6
6. St. James Westminster	37053	37457	10	16	19	8	9	12	13	12	23	9	131	14
7. Marylebone . . . H	122206	138383	69	60	53	68	51	74	61	61	78	46	621	65
8. Hampstead	8588	140078	*	*	*	*	*	*	5	5	4	6	20	6
9. Pancras . . *W*HH	103548		58	57	68	71	51	67	71	80	58	55	636	70
10. Islington . . . HP	37316	55779	19	16	21	23	20	28	24	17	29	35	232	32
11. Hackney . . . . H	34527	42328	20	20	14	17	15	17	18	23	26	24	194	18
12. St. Giles	52907	54378	21	23	24	27	24	24	16	26	19	31	235	30
13. Strand (wkh. in 9) . H	42015	43667	22	14	19	11	21	11	18	17	11	13	157	18
14. Holborn	42696	44532	14	22	18	19	13	14	14	18	18	18	168	19
15. Clerkenwell . . PP	47634	56799	26	35	25	13	26	26	23	23	21	15	233	23
16. St. Luke (wkh. in 20) L	46642	49908	34	25	21	20	14	19	14	17	24	17	205	24
17. East London . . . P.	38311	39718	18	10	20	13	14	22	23	20	16	11	167	17
18. West London *W*HPPP	28217	29188	22	25	21	22	22	12	17	24	22	12	199	32
19. City of Lon. (wkh. in 25)	57080	56009	22	15	15	11	24	16	14	18	21	15	171	19
20. Shoreditch . . *W*L	68564	83564	33	35	42	45	31	43	55	47	44	36	411	37
21. Bethnal Green . . L	62018	74206	35	30	20	47	22	34	28	37	35	21	309	31
22. Whitechapel . . . H	64141	71879	24	28	40	29	47	30	61	48	29	24	360	36
23. St. George-in-the-East .	38505	41416	14	14	28	22	18	28	18	23	16	24	205	21
24. Stepney . . . . H	72442	90831	29	36	35	31	31	50	32	44	38	41	367	51
25. Poplar . . . *W*L	25066	31171	15	22	10	17	18	21	20	12	10	20	165	20
26. St. Saviour . . H H	31711	33027	12	15	17	18	12	23	15	35	14	22	183	14
27. St. Olave . . . H H	20021	19869	17	12	20	18	12	18	17	25	19	14	172	16
28. Bermondsey	29741	35002	11	12	14	15	21	17	14	12	23	12	151	28
29. St. Geo. Southwk. LPP	39769	46718	21	25	18	22	18	15	20	28	19	15	201	27
30. Newington . . . P	44526	54693	32	19	30	28	17	17	32	21	16	25	237	26
31. Lambeth	87856	116072	41	59	45	52	37	39	40	48	34	67	462	44
32. Wandsworth . . . L	33090	39918	*	*	*	11	17	22	24	17	16	19	126	20
33. Camberwell . . LL	28231	39931	15	15	19	22	26	13	22	31	18	22	203	31
34. Rotherhithe	12875	13940	7	8	8	7	2	3	9	4	13	3	64	9
35. Greenwich . HHHP	63564	81125	51	33	39	45	46	35	47	44	40	48	428	65
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	10	3	15	13	41	11

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 8724; which, divided by 10, gives 872 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1851, by adding to it an eleventh part; thus, 872 divided by 11 is about 79, which added to 872, makes the corrected average 951. The corrected average for small-pox, or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 154 in 10 weeks; the average was 15; the corrected average 16. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5{\cdot}5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary]	.	1	1
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	1	.	1
2 Chelsea [North West]	.	3	3
2 *St. George Hanover Square* [*Chelsea N.W.*]	.	1	1
3 St. George Hanover Square [May Fair]	.	1	1
4 Westminster [St. Margaret]	1	1	2
5 St. Martin-in-the-Fields [Charing Cross]	.	1	1
6 St. James Westminster [Golden Square]	1	.	1
7 Marylebone [Rectory]	4	4	8
9 *Strand* [*Tottenham Court*]	.	.	.
9 Pancras [Camden Town]	2	.	2
10 Islington [West]	2	2	4
11 Hackney [Hackney]	.	1	1
12 St. Giles [South]	3	2	5
14 Holborn [St. Andrew East]	3	3	6
15 Clerkenwell [St. James]	1	1	2
17 East London [St. Botolph]	1	4	5
18 *East London* [*West London North*]	.	.	.
18 West London [North]	.	.	.
20 Shoreditch [Haggerstone West]	1	1	2
20 *St. Luke* [*Hoxton New Town*]	5	1	6
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	1	1
22 Whitechapel [North]	2	1	3
23 St. George-in-the-East [St. John]	1	3	4
24 Stepney [Shadwell]	.	.	.
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	1	.	1
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City* [*Bow*]	.	1	1
25 Poplar [Poplar]	1	.	1
26 St. Saviour [Christchurch]	.	2	2
27 St. Olave [St. John Horselydown]	1	.	1
28 Bermondsey [St. Mary Magdalen]	2	2	4
29 St. George Southwark [Borough Road]	.	1	1
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2nd]	1	2	3
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	.	.	.
33 Camberwell [Camberwell]	1	.	1
34 Rotherhithe	2	.	2
35 Greenwich [East]	7	4	11
36 Lewisham [Village]	1	.	1
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	45	44	89

HOSPITALS.

	M.	F.	T.
Military and Naval Asylums :—			
35 Royal Hospital Greenwich [East] Pensioners	9	.	9
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	.	.	.
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	9	.	9
General Hospitals :—			
3 St. George [Belgrave]	1	2	3
4 Westminster [St. Margaret]	1	1	2
5 Charing Cross [Charing Cross]	1	.	1
7 Middlesex [All Souls]	.	5	5
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	.	1	1
18 St. Bartholomew [West London North]	7	2	9
22 London [Whitechapel Church]	3	3	6
27 Guy's [St. Olave and St. Saviour]	5	4	9
27 St. Thomas [St. Olave & St. Saviour]	2	1	3
Total	20	19	39
Hospitals for Special Diseases :—			
10 Small Pox [Islington West]	3	.	3
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	.	1
Total	4	.	4

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c. :—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	1	.	1
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	1	1	2
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	4	.	4
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	.	.
Total	6	1	7
Military and Naval Hospitals :—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	1	.	1
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	5	.	5
36 Dreadnought Ship (for Seamen, Greenwich West)	1	.	1
Total	7	.	7
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	2	.	2
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	2	.	2

PRISONS.

4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	4	.	4
Total	4	.	4

Workhouses	45	44	89
Military and Naval Asylums	9	.	9
General Hospitals	20	19	39
Hospitals for Special Diseases	4	.	4
Lying-in Hospitals	.	.	.
Lunatic Asylums	6	1	7
Military and Naval Hospitals	7	.	7
Hospitals and Asylums for Foreigners	2	.	2
Prisons	4	.	4
Total in Public Institutions	97	64	161

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 24th May, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Difference between the Dew Point Temperature and Air Temperature. Greatest.	Difference between the Dew Point Temperature and Air Temperature. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure in lbs. on the square foot. Greatest.	Osler's. Pressure in lbs. on the square foot. Least.	Osler's. Pressure in lbs. on the square foot. Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
May.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday .	18	Greatest Dec. S.	29·766	58·8	42·8	50·3	46·5	71·0	..	55·5	52·0	3·8	5·7	0·0	— 2·8	S.S.W.	S.W. & N.N.W.	4·5	0·0	0·5	140	0·20
Monday .	19	..	29·777	58·7	41·3	49·8	38·1	70·0	30·0	56·0	52·3	11·7	16·9	0·7	— 4·6	W.S.W.	N.W.	8·0	0·0	1·0	150	0·03
Tuesday .	20	..	30·095	58·7	38·5	50·3	36·4	72·0	43·0	56·5	52·5	13·9	17·9	0·3	— 4·5	W & NW	N.W.	2·5	0·0	0·3	100	0·00
Wednesday	21	..	30·100	62·8	47·4	53·9	48·3	77·0	38·0	56·5	52·5	5·6	8·7	0·7	— 1·2	W.S.W	N. W.	0·0	0·0	0·0	40	0·00
Thursday .	22	..	30·114	70·2	48·4	60·0	52·8	76·0	39·0	56·7	53·0	7·2	9·8	0·0	+ 4·6	N.W. & Calm.	W.	0·0	0·0	0·0	15	0·00
Friday .	23	Last Qu. Apogee.	30·132	60·5	46·3	52·4	48·8	74·0	36·5	57·5	53·5	3·6	9·4	0·0	— 3·3	Calm.	N. and Calm.	0·0	0·0	0·0	10	0·00
Saturday	24	..	30·196	65·0	40·7	54·3	41·7	84·5	..	58·5	54·3	12·6	16·7	0·0	— 1·7	Calm & N.E.	Calm.	0·0	0·0	0·0	65	0·00
Means . .		..	30·026	62·1	43·6	53·0	44·6	74·9	37·3	56·8	52·9	8·4	13·6	0·2	— 1·9	Var.		..	..	..	Sum 520	Sum 0·23
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

Electricity.

Sunday . .	Nothing was shown at any examination.
Monday . .	Negative, and active during the afternoon.
Tuesday .	Positive, with strong tension during the afternoon.
Wednesday	Positive, and tension strong generally throughout the day.
Thursday .	Positive, and tension strong during the morning & afternoon.
Friday . .	Positive, and tension strong generally throughout the day.
Saturday .	Positive, and tension strong generally throughout the day.

General Remarks.

The sky was covered with cloud till 9 P.M., and clear afterwards. Rain fell heavily between 6h. 30m. and 8h. P.M.

The sky was covered with cloud till noon, three-fourths were covered generally till 8h. P.M., and clear afterwards; cumulostrati and cirrostrati. Showers of hail and rain fell.

The sky, with slight exceptions, was covered with cloud throughout the day; cumuli, cumulostrati, and cirrostrati.

The sky was overcast throughout the day; cirrostratus.

The sky was covered with cirrostratus generally throughout the day.

The sky was covered with cloud till 3h. P.M., one-half covered till 8 P.M., and clear afterwards; cirrostratus and haze. Misty rain fell at noon.

The sky was generally free from cloud till near noon; three-fourths of the sky were covered till 8h. P.M., and overcast afterwards; cumuli, cumulostrati, and strati.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 56·2°; and the mean reading at 9h. P.M. was 55·2°; the mean readings at the Royal Observatory for the same times were 55·9° and 53·6° respectively.

The reading of the barometer decreased from 29·83 in. at the beginning of the week to 29·74 in. by noon on the 19th; increased, with slight exception, to 30·23 in. by 9h. A.M. on the 24th, and decreased to 30·16 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, May 31. [No. 22.

HEALTH OF LONDON DURING THE WEEK.

The mortality of London has been greater than usual during the four weeks of May. In the first three Returns of the month the deaths numbered respectively 1041, 1002, 1000; in the week ending last Saturday a decrease occurred, but not of considerable amount, the number having fallen to 990. Taking the weeks corresponding to last week of the ten years 1841–50, it will be seen that the mortality, which in one instance fell so low as 736 (namely, in the fourth week of May last year), did not in any case exceed 960, and that the average was 855. If this average be raised in proportion to the supposed rate of increase in the population, it will amount to 933; compared with which the 990 deaths of last week exhibit an increase of 57.

The relative force with which the present mortality, so far as it differs from the average amount, falls on the young, the middle-aged, and the old, is shown by the following statement:—

In the week ending last Saturday.	Persons.	Average of ten corresponding weeks 1841–50 (corrected for increase of population).
From birth to 15 years there died	473	418
From 15 to 60	316	327
At 60 years upwards	185	185

From the above it appears that last week was not more fatal than usual to persons of advanced age, while rather less than the usual number died in the middle stage of life, and that the augmented rate of mortality was entirely confined to the youthful part of the population.

The zymotic or epidemic class of diseases produced last week 220 fatal cases, and of these 169 occurred amongst children under 15 years. Small-pox had fatal termination to 23 persons, six of whom were twenty years of age and upwards; measles carried off 39 children; scarlatina 10; hooping-cough 64; and croup 5. Of these complaints, almost exclusively confined to young persons, hooping-cough much exceeds the usual contingent, and scarlatina falls still more below it. To diarrhœa 16 deaths are ascribed; to dysentery 6; to erysipelas 11; and under typhus, which shows about the usual amount of fatality for the present time, 32 are enumerated.

The above class of diseases exhibits an increase on the preceding week; but those which affect the organs of respiration show a diminution. Laryngitis numbers 5 cases, bronchitis 51, pleurisy 6, pneumonia 64, and asthma 7; these, with other undefined disease of the

lungs, numbering in the aggregate 136 deaths, which is rather more than the corrected average of corresponding weeks.

Four diseases are comprised in the tubercular class:—scrofula from which 5 deaths are enumerated last week, tabes mesenterica which counts 10, hydrocephalus 35, and phthisis, or consumption 150. In the ten corresponding weeks of 1841–50, the lowest number ascribed to consumption is 103, and the highest 166.

The births of 764 boys, and 769 girls, in all 1533 children, were registered last week. The average number of six corresponding weeks in 1845–50 was 1336.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer was 30·114 in. on Wednesday, and on the following days it rose continuously, and was 30·351 in. on Saturday. The mean of the week was 30·097 in. The mean daily reading of the thermometer was on Sunday 2·6° above the average of the same day in 10 years, but on all the following days, except Friday, was below it, The mean temperature of the week was 55·6°, which is about 2° below the average. The wind generally blew frnm the north in the beginning of the week, and towards the end was in the south-east and north-east.

The following selections are made from the Registrars' Reports:—

In Marylebone, at 14 Wells-street, on 29th May, a bookseller, aged 48 years, died of typhus, after 7 days' illness. Mr. Wallington adds that "the medical attendant supposes that deceased caught the disease while attending a relative who had died of it a few days previously on the Surrey side."

At Holloway, at the Small-pox Hospital:—

On the 26th May, a female servant, aged 21 years, from Orme's-square, Bayswater, died of "small-pox, confluent, unmodified (11 days), vaccinated, one cicatrix."

On 27th May, a seaman, a black from Baltimore, aged 35 years, "small-pox, confluent, unprotected (12 days)."

On 28th May, a labourer, aged 36 years, "small-pox, confluent, unmodified (14 days), vaccinated, one cicatrix." He was brought from St. Bartholomew's Hospital, where he had been for some months with compound fracture of the leg.

On 28th May, a married woman from Shoreditch, aged 22 years, "small-pox, confluent, unprotected (13 days)."

In Hackney-road sub-district, at 8 Vincent-street, on 18th May, the son of a plasterer, aged 2 years, died of "natural small-pox, (3 weeks), pneumonia (2 weeks)." Mr. Murray states that "this is part of a block of streets, crowded and without drainage;" and that Collingwood-street, where a child died of dentition and hydrocephalus, may be described in similar terms.

In St. George-in-the-East, at 7 Smith's-place, on 25th May, the daughter of a labourer, aged 1 year, died of "measles, pneumonia (5 days);" and at 15 in the same street, on 30th May, the son of a labourer, aged 18 months, died of "simple continued fever." Mr. Verrall mentions that "the houses in this neighbourhood are very close, and many of them contain several families." Also at 2 Plough-alley, on 29th May, the son of a labourer (deceased), aged 18 months, died of "rubeola (12 days), pneumonia (8 days)." The Registrar repeats the same observation of closeness and overcrowding with respect to this alley.

BIRTHS Registered LAST WEEK, and in the TWENTY-SECOND Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1243	1428	1273	1344	1354	1374	1336	1533
Males. . .	618	705	628	694	705	677	671	764
Females . .	625	723	645	650	649	697	665	769

DEATHS Registered LAST WEEK, and in the TWENTY-SECOND Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		763	760	875	885	905	835	960	933	895	736	854·7	990*
Males . .		410	393	445	462	473	431	503	460	448	343	436·8	507
Females .		353	367	430	423	432	404	457	473	447	393	417·9	483
	Ages.												
Deaths at three periods of life . .	0—15	342	338	395	405	396	353	424	424	447	306	383·0	473
	15—60	281	268	298	301	323	321	333	320	290	265	300·0	316
	60 & up.	140	153	175	177	186	161	202	186	157	164	170·1	185

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

* The returns of deaths for the subdistricts of Bow and Shadwell were not received in time for insertion in the Tables. Averages taken from the returns of the previous six weeks were used instead, and in the Table of Diseases were placed to *Causes not specified*, namely 10 deaths for Bow and 6 for Shadwell. The real numbers are now ascertained to be for the former 12, for the latter 10.

BIRTHS and DEATHS registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Mar. 8.	Mar. 15.	Mar. 22.	Mar. 29.	Apr. 5.	Apr. 12.	Apr. 19.	Apr. 26.	May 3.	May 10.	May 17.	May 24.	May 31.
BIRTHS	1580	1533	1580	1780	1560	1536	1425	1503	1487	1572	1467	1434	1533
DEATHS	1247	1401	1412	1418	1059	1042	998	1075	994	1041	1002	1000	990
DEATHS (except from Violence) . . .	1242	1378	1387	1289	1036	1033	977	1058	965	1012	965	990	960
Deaths (except from Violence) at 60 years and upwards . .	302	360	384	295	226	225	205	212	216	191	177	197	181
Scarlatina	20	16	15	10	6	13	8	10	13	11	9	17	10
Typhus	36	43	54	38	32	25	37	32	25	43	30	18	32
Diarrhœa & Dysentery	16	17	19	22	14	18	15	22	9	25	18	14	22
Cholera	2	1	1	1	..	..	..	..	..	..	..	..	..
Mean Temperature .	39°·4	40°·5	44°·9	46°·3	43°·5	40°·3	46°·3	9°·9	42°·8	47°·4	50°·9	53°·0	55°·6

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child-birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," or "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite the above heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 55°·6—May 31.			
	60°·6	60°·3	54°·8	50°·3	52°·5	57°·8	61°·6	56°·5	60°·3	58°·2	Mean 57°·2				
	June 5	June 4	June 3	June 1	May 31	May 30	May 29	June 3	June 2	June 1	Sum of 10 Weeks	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
ALL CAUSES	763	760	875	885	905	835	960	933	895	736	8547	473	316	185	990†
SPECIFIED CAUSES	761	753	862	883	902	831	959	929	892	736	8508	472	316	185	973
1. Zymotic Diseases	119	128	209	186	153	127	191	278	209	130	1730	169	38	13	220
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	48	65	37	61	43	36	39	42	36	42	449	2	21	17	40
3. Tubercular Diseases	200	189	167	195	210	229	191	169	165	149	1864	71	117	12	200
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	101	86	106	112	119	103	120	105	104	115	1071	54	25	19	98
5. Diseases of the Heart and Blood-vessels	20	18	35	33	38	41	35	30	46	34	330	5	21	12	38
6. Diseases of the Lungs, and of the other Organs of Respiration	84	76	110	94	124	108	133	107	127	105	1068	82	21	33	136
7. Diseases of the Stomach, Liver, and other Organs of Digestion	45	47	57	62	52	55	68	52	69	47	554	28	31	20	79
8. Diseases of the Kidneys, &c.	5	6	2	6	6	13	6	15	13	11	83	..	3	4	7
9. Childbirth, Diseases of the Uterus, &c.	14	9	11	5	15	13	13	7	2	3	92	..	10	2	12
10. Rheumatism, Diseases of the Bones, Joints, &c.	3	2	12	7	11	9	10	6	6	7	73	2	6	1	9
11. Diseases of the Skin, Cellular Tissue, &c.	..	..	1	..	1	..	4	4	4	3	17	1	1	1	3
12. Malformations	2	2	4	5	2	7	5	6	4	4	41	5	..	..	5
13. Premature Birth & Debility	20	23	15	12	23	19	29	25	23	19	208	22	1	..	23
14. Atrophy	6	3	5	11	9	19	14	28	23	16	134	18	1	1	20
15. Age	45	68	54	60	58	20	57	33	33	34	462	..	..	45	45
16. Sudden	18	11	14	3	8	9	15	7	10	6	101	1	..	1	2
17. Violence, Privation, Cold, and Intemperance	31	20	23	31	30	23	29	15	18	11	231	12	20	4	36
1.—Small-pox	22	3	6	31	16	3	14	34	6	6	141	17	6	..	23
Measles	8	27	33	14	40	7	30	12	40	12	223	39	..	..	39
Scarlatina	14	25	29	63	19	23	20	56	29	17	295	10	..	..	10
Hooping Cough	35	36	39	20	31	33	33	35	51	28	341	64	..	..	64
Croup	6	6	9	8	4	3	8	8	5	2	59	5	..	..	5
Thrush	2	2	4	4	3	1	1	3	2	2	24	2	..	..	2
Diarrhœa	3	2	3	7	10	12	16	15	16	15	99	12	1	3	16
Dysentery	..	..	2	..	1	..	2	5	3	4	17	2	2	2	6
Cholera	1	..	1	1	..	..	1	1	9	..	14	..	..	..	..
Influenza	..	3	..	..	..	3	1	2	..	2	11	..	1	2	3
Purpura and Scurvy	2	..	..	..	..	..	3	1	..	2	8	..	1	..	1
Ague	..	..	1	..	1	2	1	..	2	1	8	1	..	..	1
Remittent Fever	..	..	1	..	2	2	..	1	1	..	7	1	..	..	1
Infantile Fever	*	*	*	*	*	*	*	..	1	1	2	1	..	..	1
Typhus	20	16	73	32	17	28	52	77	23	26	364	10	17	5	32
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	9	6	3	18	..	2	..	2
Rheumatic Fever	*	*	*	*	*	*	*	3	..	..	3	..	..	..	..
Erysipelas	4	7	6	5	7	9	8	13	11	7	77	2	8	1	11
Syphilis	2	1	2	1	2	..	1	2	4	2	17	2	..	..	2
Noma (or Canker)	*	*	*	*	..	1	..	1	..	..	2	1	..	..	1
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	3	4	5	9	1	6	2	1	2	4	37	1	2	2	5
Dropsy	30	36	21	25	29	9	13	15	15	12	205	..	8	5	13
Abscess	4	6	1	3	..	1	..	3	1	3	22	..	..	..	..
Ulcer	..	..	..	1	1	..	3	1	1	1	8	..	..	1	1
Fistula	..	1	1	..	..	..	..	2	..	1	5	..	..	..	..
Mortification	2	3	3	5	2	2	4	2	2	1	26	..	..	7	7
Cancer	9	12	5	15	9	18	17	17	13	19	134	1	11	2	14
Gout	..	3	1	3	1	..	..	1	2	1	12	..	..	..	..
3.—Scrofula	..	1	4	4	2	7	3	7	5	2	35	5	..	..	5
Tabes Mesenterica	5	4	7	13	13	15	27	12	15	13	124	10	..	..	10
Phthisis (or Consumption)	153	141	128	142	159	166	133	126	118	103	1369	21	117	12	150
Hydrocephalus	42	43	28	36	36	41	28	24	27	31	336	35	..	..	35

* See Note, page 171.

† See Note, page 171.

in the TWENTY-SECOND Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 55°·6—May 31.			
	60°·6	60°·3	54°·8	50°·3	52°·5	57°·8	61°·6	56°·5	60°·3	58°·2	Mean 57°·2				
	June 5	June 4	June 3	June 1	May 31	May 30	May 29	June 3	June 2	June 1	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
4.—Cephalitis	8	9	9	17	15	8	11	8	11	10	106	6	3	..	9
Apoplexy	13	9	25	24	23	17	25	16	18	24	194	2	6	5	13
Paralysis	10	12	19	12	15	14	14	27	12	20	155	..	4	12	16
Delirium Tremens	2	1	1	4	2	7	1	3	2	4	27	..	5	..	5
Chorea	..	..	..	1	..	..	..	..	..	1	2	..	..	..	..
Epilepsy	3	2	1	4	4	9	11	6	7	6	53	2	4	..	6
Tetanus	1	..	..	1	..	..	..	..	..	1	3	1	1	..	2
Insanity	1	..	1	1	1	6	2	1	3	4	20	..	..	1	1
Convulsions	51	40	43	38	50	31	40	34	37	32	396	38	..	..	38
Disease of Brain, &c.	12	13	7	10	9	11	16	10	14	13	115	5	2	1	8
5.—Pericarditis	1	..	..	2	4	2	4	2	2	3	20	1	2	1	4
Aneurism	3	..	2	3	1	2	1	1	3	1	17	..	2	1	3
Disease of Heart, &c.	16	18	33	28	33	37	30	27	41	30	293	4	17	10	31
6.—Laryngitis	1	..	2	2	..	1	5	3	3	5	22	5	..	..	5
Bronchitis	5	3	14	16	23	42	47	37	49	44	280	22	7	22	51
Pleurisy	4	2	3	2	1	3	3	6	2	1	27	1	5	..	6
Pneumonia	52	51	62	49	75	39	58	52	56	42	536	52	7	5	64
Asthma	9	7	11	9	9	12	8	8	10	5	88	..	1	6	7
Disease of Lungs, &c.	13	13	18	16	16	11	12	1	7	8	115	2	1	..	3
7.—Teething	8	13	18	13	7	9	11	13	14	9	115	16	..	..	16
Quinsey	2	1	2	3	2	1	2	2	..	2	17	..	..	1	1
Gastritis } Enteritis	11	14	14	2 / 9	2	1	1	1	2	4	109	..	..	..	..
					14	10	9	5	5	5		1	2	3	6
Peritonitis	3	1	..	1	2	3	3	4	10	2	29	..	4	..	4
Ascites	..	2	3	3	2	1	1	2	2	3	19	1	2	1	4
Ulceration (of Intestines)	..	..	3	2	2	..	5	1	3	1	17	2	..	..	2
Hernia	1	1	2	1	1	2	2	1	4	3	18	1	1	2	4
Ileus	2	1	1	2	3	4	1	..	6	1	21	2	1	2	5
Intussusception	1	..	..	1	..	1	2	..	..	1	6	2	..	..	2
Stricture of Intestinal Canal	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
Disease of Stomach, &c.	4	4	4	9	3	7	8	5	2	1	47	2	6	2	10
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	..	..	2	2	3	1	6	3	2	4	23	..	4	..	4
Jaundice	4	2	..	4	..	3	4	3	5	2	27	1	..	1	2
Disease of Liver	9	8	8	10	10	12	13	12	14	9	105	..	11	8	19
Disease of Spleen	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8.—Nephritis	..	..	..	1	..	..	..	1	..	..	2	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	5	3	3	11	..	2	1	3
Ischuria	..	..	..	..	..	..	..	2	..	..	2	..	..	..	..
Diabetes	..	1	..	..	..	..	..	1	2	3	7	..	..	..	..
Stone	..	1	..	..	2	..	1	..	1	..	5	..	..	..	..
Cystitis	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Stricture of Urethra	1	1	..	1	1	2	..	2	1	..	9	..	..	..	..
Disease of Kidneys, &c.	3	3	2	4	3	11	5	4	6	5	46	..	1	3	4
9.—Paramenia	1	..	..	..	..	..	1	..	..	..	2	..	..	..	..
Ovarian Dropsy	..	..	..	1	1	3	..	..	..	1	6	..	1	..	1
Childbirth (*see* Metria)	7	5	11	4	10	9	6	6	2	2	62	..	7	..	7
Disease of Uterus, &c.	6	4	..	..	4	1	6	1	..	..	22	..	2	2	4
10.—Arthritis	..	..	..	..	..	.	..	..	..	1	1	..	..	..	..
Rheumatism	1	1	3	4	4	6	6	3	2	2	32	1	3	1	5
Disease of Joints, &c.	2	1	9	3	7	3	4	3	4	4	40	1	3	..	4
11.—Carbuncle	..	..	..	..	..	..	1	2	..	..	3	..	..	1	1
Phlegmon	..	..	..	..	..	..	..	1	1	1	3	..	1	..	1
Disease of Skin, &c.	..	..	1	..	1	..	3	1	3	2	11	1	..	..	1
17.—Intemperance	3	1	..	1	1	1	1	1	1	2	12	..	..	..	..
Privation of Food	..	..	2	1	..	..	1	..	1	..	5	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	1	2	..	3	6	..	..	6
Neglect	*	*	*	*	*	*	*	..	1	..	1	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	..	1	..	1	1	2	..	3
Burns and Scalds	*	*	*	*	*	*	*	1	4	2	7	3	..	..	3
Hanging and Suffocation	*	*	*	*	*	*	*	4	1	1	6	..	..	..	..
Drowning	*	*	*	*	*	*	*	2	4	..	6	1	2	..	3
Fractures	*	*	*	*	*	*	*	4	3	5	12	1	16	4	21
Wounds	*	*	*	*	*	*	*	2	..	..	2	..	..	..	..
Other Violence	*	*	*	*	*	*	*	..	..	1	1	..	..	..	..
All Violence	28	19	21	29	29	22	27	13	13	9	210	6	20	4	30
Causes not specified	2	7	13	2	3	4	1	4	3	..	39	1	..	..	17†

* See Note, page 171.

† See Note, page 171.

Deaths Registered in the Twenty second Week of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			60°·6	60°·3	54°·8	50°·3	52°·5	57°·8	61°·6	56°·5	60°·3	58°·2	Mean 57°·2	55°·6
			June 5	June 4	June 3	June 1	May 31	May 30	May 29	June 3	June 2	June 1	Sum of 10 Weeks.	May 31,
	1831	1841	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1654994	1948369	763	760	875	885	905	835	960	933	895	736	8547	990
1–6. West Districts .	252761	301189	124	120	130	164	140	107	112	134	156	112	1299	153
7–11. North Districts .	306185	376568	158	149	161	173	164	157	191	175	184	128	1640	177
12–19. Central Districts	355502	374199	149	155	194	151	187	155	187	148	138	117	1581	157
20–25. East Districts .	330736	393067	148	159	187	170	197	177	219	240	187	167	1851	218
26–36. South Districts .	409810	503346	184	177	203	227	217	239	251	236	230	212	2176	285
1. Kensington . . HL	52981	74898	28	25	28	32	34	33	33	30	38	37	318	39
2. Chelsea . . . *W*H	32371	40243	15	17	16	19	27	13	16	19	24	17	183	36
3. St.GeorgeHanover-sq.H	58209	66657	23	31	34	36	29	23	17	21	34	15	263	29
4. Westminster HHPP	48177	56802	30	26	21	43	28	18	22	29	29	25	271	33
5. St.Martin-in-the-Flds. H	23970	25132	11	6	19	19	9	6	11	15	14	8	118	11
6. St. James Westminster	37053	37457	17	15	12	15	13	14	13	20	17	10	146	5
7. Marylebone . . . H	122206	138383	63	55	64	64	63	55	84	56	54	47	605	74
8. Hampstead	8588	140078	*	*	*	*	*	*	6	1	5	2	14	2
9. Pancras . . *W*HH	103548		52	57	68	79	51	67	61	64	83	49	631	43
10. Islington . . . HP	37316	55779	30	19	16	22	25	21	26	35	27	17	238	39
11. Hackney . . . . H	34527	42328	13	18	13	8	25	14	14	19	15	13	152	19
12. St. Giles	52907	54378	20	22	27	20	27	19	30	17	22	12	216	21
13. Strand (wkh. in 9) . H	42015	43667	12	19	27	11	19	16	24	17	17	18	180	24
14. Holborn	42696	44532	20	17	18	19	17	17	41	20	17	17	203	17
15. Clerkenwell . . PP	47634	56799	25	28	28	20	32	21	25	24	11	16	230	18
16. St. Luke (wkh. in 20) L	46642	49908	22	21	20	22	30	25	23	19	24	16	222	12
17. East London . . . P.	38311	39718	13	13	23	18	20	15	9	23	16	10	160	17
18. West London *W*HPPP	28217	29188	29	18	30	22	28	29	19	14	15	18	222	28
19. City of Lon. (wkh. in 25)	57080	56009	8	17	21	19	14	13	16	14	16	10	148	20
20. Shoreditch . . *W*L	68564	83564	35	32	39	35	44	46	58	50	45	35	419	54
21. Bethnal Green . . L	62018	74206	21	24	29	31	46	26	42	40	28	30	317	28
22. Whitechapel . . . H	64141	71879	37	30	49	36	28	28	39	40	20	25	332	33
23. St. George-in-the-East .	38505	41416	16	20	22	23	18	22	17	35	17	19	209	35
24. Stepney . . . . H	72442	90831	29	36	35	40	38	36	40	63	61	41	419	48
25. Poplar . . . *W*L	25066	31171	10	17	13	5	23	19	23	12	16	17	155	20
26. St. Saviour . . H H	31711	33027	15	11	15	14	19	10	20	23	14	12	153	20
27. St. Olave . . . H H	20021	19869	20	12	12	29	18	18	15	10	16	18	168	22
28. Bermondsey	29741	35002	11	21	14	12	18	16	23	16	21	13	165	21
29. St. Geo. Southwk. LPP	39769	46718	17	19	21	17	24	20	24	26	26	23	217	19
30. Newington . . . P	44526	54693	28	22	31	23	15	24	31	19	19	21	233	27
31. Lambeth	87856	116072	39	39	43	47	42	61	53	42	48	41	455	68
32. Wandsworth . . . L	33090	39918	*	*	*	12	14	14	14	16	22	16	108	25
33. Camberwell . . LL	28231	39931	10	13	24	25	24	19	17	17	12	18	179	30
34. Rotherhithe	12875	13940	7	6	4	8	9	7	6	12	7	2	68	5
35. Greenwich . HHHP	63564	81125	37	34	39	40	34	50	41	46	37	43	401	39
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	7	9	8	5	29	9

Note.—The letters placed against names of districts denote public institutions now within their limits namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 8547; which, divided by 10, gives 855 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1851, by adding to it an eleventh part; thus, 855 divided by 11 is about 78, which added to 855, makes the corrected average 933. The corrected average for small-pox, or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 141 in 10 weeks; the average was 14; the corrected average 15. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5{\cdot}5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M	F.	T.
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	1	2	3
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	1	.	1
2 Chelsea [North West]	1	1	2
2 *St. George Hanover Square [Chelsea N.W.]*	.	1	1
3 St. George Hanover Square [May Fair]	1	.	1
4 Westminster [St. Margaret]	2	2	4
5 St. Martin-in-the-Fields [Charing Cross]	1	1	2
6 St. James Westminster [Golden Square]	.	1	1
7 Marylebone [Rectory]	6	4	10
9 *Strand [Tottenham Court]*	.	.	.
9 Pancras [Camden Town]	2	3	5
10 Islington [West]	1	1	2
11 Hackney [Hackney]	.	2	2
12 St. Giles [South]	3	1	4
14 Holborn [St. Andrew East]	2	4	6
15 Clerkenwell [St. James]	1	.	1
17 East London [St. Botolph]	1	1	2
18 *East London [West London North]*	1	.	1
18 West London [North]	.	3	3
20 Shoreditch [Haggerstone West]	2	2	4
20 *St. Luke [Hoxton New Town]*	.	.	.
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	1	4	5
23 St. George-in-the-East [St. John]	.	3	3
24 Stepney [Shadwell]	.	.	.
24 Stepney [Ratcliff]	.	1	1
24 Stepney [Mile End Old Town Lower]	2	1	3
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	.	.	.
25 Poplar [Poplar]	2	1	3
26 St. Saviour [Christchurch]	1	.	1
27 St. Olave [St. John Horselydown]	.	.	.
28 Bermondsey [St. Mary Magdalen]	2	.	2
29 St. George Southwark [Borough Road]	1	1	2
30 Newington [St. Peter Walworth]	4	4	8
31 Lambeth [Lambeth Church 2nd]	3	3	6
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	.	.	.
33 Camberwell [Camberwell]	3	2	5
34 Rotherhithe	2	.	2
35 Greenwich [East]	.	.	.
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	47	49	96

HOSPITALS.

	M	F.	T.
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	3	.	3
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	5	.	5
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	8	.	8
General Hospitals:—			
3 St. George [Belgrave]	4	2	6
4 Westminster [St. Margaret]	2	1	3
5 Charing Cross [Charing Cross]	2	.	2
7 Middlesex [All Souls]	3	3	6
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	1	.	1
18 St. Bartholomew [West London North]	6	4	10
22 London [Whitechapel Church]	3	2	5
27 Guy's [St. Olave and St. Saviour]	8	4	12
27 St. Thomas [St. Olave & St. Saviour]	7	3	10
Total	36	19	55
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	2	2	4
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	.	1
Total	3	2	5

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	1	1
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	1	.	1
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	2	1	3
33 Peckham House [Camberwell]	1	.	1
33 Camberwell House [Camberwell]	.	1	1
Total	4	3	7
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	1	.	1
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	1	.	1
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	3	.	3
Total	5	.	5
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	1	.	1
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	1	.	1

PRISONS.

4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.

Workhouses	47	49	96
Military and Naval Asylums	8	.	8
General Hospitals	36	19	55
Hospitals for Special Diseases	3	2	5
Lying-in Hospitals	.	.	.
Lunatic Asylums	4	3	7
Military and Naval Hospitals	5	.	5
Hospitals and Asylums for Foreigners	1	.	1
Prisons	.	.	.
Total in Public Institutions	104	73	177

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 31st May, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	General Direction. P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
May.			in.	°	°	°	°	°	°		°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday .	25	..	29·916	71·8	48·5	58·9	52·6	79·0	44·0	60·0	53·7	6·3	9·1	4·0	+ 2·6	W.	N.	4·5	0·0	0·3	..	0·18
Monday .	26	In Equator	29·812	60·2	46·5	51·1	43·5	86·0	34·0	60·5	54·5	7·6	12·0	2·0	— 5·5	N.	N.	1·0	0·0	0·0	130	0·01
Tuesday .	27	..	29·954	64·0	39·7	51·3	41·6	77·0	41·0	61·1	55·5	9·7	13·5	1·3	— 5·6	N.	N. and N.E.	0·0	0·0	0·0	40	0·03
Wednesday	28	..	30·114	67·7	47·7	56·9	45·9	73·0	..	61·5	55·5	11·0	14·9	2·5	— 0·3	Calm	Calm.	0·0	0·0	0·0	80	0·00
Thursday .	29	..	30·241	74·2	42·3	59·8	49·2	87·8	39·0	62·0	56·5	10·6	17·0	4·6	— 2·5	Calm.	Calm.	0·0	0·0	0·0	10	0·00
Friday .	30	New	30·292	72·0	46·3	58·2	49·8	86·0	39·0	62·5	56·7	8·4	13·5	4·4	+ 0·6	S.E. & N.N.E.	N.N.E. and S.E	0·0	0·0	0·0	105	0·00
Saturday	31	..	30·351	65·2	43·7	52·9	43·3	78·0	40·0	63·5	57·5	9·6	12·4	0·0	— 4·9	S.E. & N.E.	N.E. and S.E.	0·0	0·0	0·0	75	0·00
Means . .		..	30·097	67·9	45·0	55·6	46·6	81·0	39·5	61·6	55·7	9·0	13·2	2·7	— 2·2	N. & N.E.		..	..	..	Sum 440	Sum 0·22
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

Sunday . .	Nothing was shown at any examination.
Monday . .	Nothing was shown throughout the day.
Tuesday .	Nothing was shown throughout the day.
Wednesday	Nothing was shown throughout the day.
Thursday .	Positive, and tension strong during the afternoon.
Friday . .	Positive, and tension strong during the morning.
Saturday .	Positive, and tension moderate at noon and 9h. p.m.; nothing was shown at any other examination.

GENERAL REMARKS.

The clouds were slightly broken during the morning, otherwise the sky was covered with cloud throughout the day. A heavy shower of rain fell during the evening.

The sky was overcast till noon, and three-fourths covered with cloud during the remainder of the day; cumuli, cumulostrati, and fleecy clouds. Rain fell occasionally during the evening.

The sky was for the most part free from cloud till near noon; and overcast during the remainder of the day; cirrostratus.

The sky was generally one-fourth part covered with cloud throughout the day.; cumuli, cirrostrati, and fleecy clouds.

The sky was generally free from cloud throughout the day.

The sky was three-fourths covered by cloud at 9h. a.m., overcast at noon, three-fourths covered at 3h. p.m., and overcast at 9h. p.m.; cumulostrati, cirrostrati, fleecy clouds, and scud.

The sky was cloudless at 9h. a.m., one-half covered at noon, one-fourth covered at 3h. p.m., and cloudless at 9h. p.m.; fleecy clouds.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. a.m.; noon; 3h. p.m.; 9h. p.m. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. a.m. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. a.m., was 60·7°; and the mean reading at 9h. p.m. was 54·5°; the mean readings at the Royal Observatory for the same times were 59·7° and 51·4° respectively.

The *mean* direction of the wind for the week is nearly north.

The reading of the barometer decreased from 30·16 in. at the beginning of the week to 29·78 in. by 9h. a.m. on the 26th; increased to 30·37 in. by 9h. a.m. on the 31st, and decreased to 30·33 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, June 7. [No. 23.

HEALTH OF LONDON DURING THE WEEK.

The mortality of London continues to be of greater amount than from past experience in the first week of June might have been anticipated. In the ten weeks of 1841–50, which correspond to the week ending last Saturday, the average number of deaths was 864, and with one exception, the mortality did not in any case exceed 941; but the present return shows that 961 deaths were registered last week, making an excess of 97 above the actual average, and of 18 above the average corrected for increase of population.

As compared with the results of the preceding week (ending May 31st), the present return shows a small decrease in the total number of cases produced by epidemic diseases, but an increase in those arising from affections of the respiratory organs. In the former class the principal complaints are measles, which carried off 39 children in the week hooping-cough, which was fatal in 47 cases, scarlatina in 15, and typhus in 46. These epidemics show rather more than the usual amount of fatality, with the exception of scarlatina, which does not seem to have been prevailing much of late. The number of deaths assigned to small-pox is 16, nearly all of these having occurred under three years of age. This is not more than the average mortality from small-pox in the metropolis generally; but it will be seen that Mr. Hems, a Registrar of Whitechapel, reports that the disease is exceedingly prevalent and fatal in Charlotte-court situated in his sub-district,—that "five children have died there during the last three weeks, and many others are now suffering." The Registrars also mention cases of typhus and scarlet fever, that have occurred during the week in various localities, where over-crowding, inadequate drainage, and noxious smells are complained of.

In the previous week the number of fatal cases arising from diseases of the organs of respiration was 136, in the last week 161; this latter number being considerably in excess of the corrected average, which is 106. This class comprises laryngitis and laryngismus stridulus, which number 7 cases; bronchitis which was fatal to 64 persons, pleurisy to 6, pneumonia to 71, and asthma to 9. From phthisis or consumption, there were 146 deaths, an amount of mortality which much preponderates relatively to that produced by other causes, but is not greater than is usually observed in the weekly account to arise from this disease.

This week the deaths of two centenarians are returned; the particulars in either case are registered as follows:—

At 103 Heath-street, Mile-end Old Town, on 4th June, a superannuated officer of the customs, died of "old age," at the age of 103 years.

At Weavers' Almshouses, Old-street-road, Shoreditch, on 1st June, the widow of a salesman, died of "natural decay," at the age of 100 years.

The births of 735 boys, and 711 girls, in all 1446 children, were registered in the week. The average number in the six corresponding weeks of 1845–50 was 1345.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer was 30·168 in. on Sunday; the mean of the week was 29·840 in. The mean daily temperature on every day, except Monday and Tuesday, when it rose to 58°·5 and 60°·8, was under the average of the same day as derived from the results of ten years. On Wednesday and Thursday it was respectively 11 and 8 degrees below the average. The mean temperature of the week was 55°·2, which is 3° below the average. The wind was generally in the north-east and north on Sunday and Monday; and afterwards was for the most part in the south-west.

The following selections are made from the Registrars' Reports:—

In Belgrave sub-district, at 8 King-street, on 2nd June, the son of a labourer, aged 2 years, died of "convulsions (8 hours), fever (10 days), after measles, a month ago." Mr. Jorden reports, from note of medical attendant, that "three cases of fever occurred in the same family; the smell of drains is complained of; an untrapped offensive gully-hole is opposite the house."

In sub-district of Camden Town, at 19 Upper Edmund-street, on 30th May, the son of a schoolmaster, aged 1 year, died of "typhoid fever, anæmia (1 month)." Mr. Holl states that "the house is crowded; a preparatory school is attached to it." In the same sub-district, at 16 Ashby-street, on 31st May, the wife of a labourer, aged 46, died of "rheumatism, disease of the heart (10 weeks)." It is added that "the place is poor and dirty, and the drainage very insufficient. The Great Northern Railway has removed the greater portion of the neighbourhood; but still much remains, and unless something be done by the authorities, it will remain a nucleus of poverty, disease, and dirt." Also at 1 Oxford-row, Agar Town, on 2nd June, the daughter of a coachman, aged 4 years, died of "typhus (5 days)." "The drainage of the house is bad, and much annoyance is caused by the effluvium. The deceased caught fever at the Ragged School, in Camden Town; her playfellow, another child, who also attended the school, was lying dead, from the same cause, after three days' illness."

In Islington, East sub-district, at the Archway-place, Upper Holloway, on 7th June, the son of a labourer, aged 3 weeks, died of "small-pox (14 days)." Mr. Butterfield states that "the mother, who had been vaccinated when a child, was attacked two days after her confinement; another infant, not vaccinated, also caught the infection from its mother."

In the sub-district of Whitechapel Church, at 34 Charlotte Court, on 2nd June, the son of a gun-maker, aged 1 month, died of "small-pox (7 days), not vaccinated;" and at 35 in the same court, on 6th June, the daughter of a whipmaker, aged 6 months, died of "variola confluens (11 days), not vaccinated." Mr. Hems reports that "small-pox is raging very much in this court, and five children have died there during the last three weeks (one whose death is not yet registered), and many others are now under its influence."

In the sub-district of Hackney Road, at 1 Nichol's-row, on 27th May, the son of a pocket-book maker, aged 1 year, died of "inflammation of the lungs (1 month)." "The street (says Mr. Murray) is close and crowded, and is part of a block, without drainage, extending from Shoreditch Church to Church-street. The same description applies to Mead-street, where a child died of scarlatina."

In Peckham, at Esther-place, Canal Walk, on 7th June, the son of a gardener, aged 14 years, died of "scarlatina (7 days)." Mr. Clark adds that "this situation is open and airy; but, according to his informant, there is no drainage, and the privy is very offensive and overflows, making it necessary to place bricks on the floor for the purpose of stepping on. Two other children in the house have had scarlatina."

BIRTHS Registered LAST WEEK, and in the TWENTY-THIRD Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1319	1309	1325	1371	1391	1358	1345	1446
Males. . .	673	636	706	712	689	720	689	735
Females . .	646	673	619	659	702	638	656	711

DEATHS Registered LAST WEEK, and in the TWENTY-THIRD Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		826	847	848	901	839	832	786	941	971	844	863·5	961
Males . .		452	447	417	442	427	456	426	492	523	420	450·2	510
Females .		374	400	431	459	412	376	360	449	448	424	413·3	451
Deaths at three periods of life . .	Ages.												
	0—15	373	369	386	423	385	336	332	444	464	367	387·9	449
	15—60	334	302	281	307	286	329	305	319	339	312	311·4	329
	60 & up.	119	173	180	169	166	167	148	174	168	160	162·4	183

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Mar. 15.	Mar. 22.	Mar. 29.	Apr. 5.	Apr. 12.	Apr. 19.	Apr. 26.	May 3.	May 10.	May 17.	May 24.	May 31.	June 7.
BIRTHS	1533	1580	1780	1560	1536	1425	1503	1487	1572	1467	1434	1533	1446
DEATHS	1401	1412	1418	1059	1042	998	1075	994	1041	1002	1000	990	961
DEATHS (except from Violence) . . .	1378	1387	1289	1036	1033	977	1058	965	1012	965	990	960	938
Deaths (except from Violence), at 60 years and upwards . .	360	384	295	226	225	205	212	216	191	177	197	181	175
Scarlatina	16	15	10	6	13	8	10	13	11	9	17	10	15
Typhus	43	54	38	32	25	37	32	25	43	30	18	32	40
Diarrhœa & Dysentery	17	19	22	14	18	15	22	9	25	18	14	22	15
Cholera	1	1	1	..	..	..	..	..	..	..	..	..	..
Mean Temperature .	40°·5	44°·9	46°·3	43°·5	40°·3	46°·3	9°·9	42°·8	47°·4	50°·9	53°·0	55°·6	55°·2

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child-birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," or "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite the above heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851			
	51°·2	65°·0	53°·9	58°·7	58°·4	64°·5	61°·9	57°·1	59°·7	59°·3	Mean 58°·9	55°·2—June 7.			
	June 12 1841	June 11 1842	June 10 1843	June 8 1844	June 7 1845	June 6 1846	June 5 1847	June 10 1848	June 9 1849	June 8 1850	Sum of 10 Weeks	0	15	60	All Ages.
ALL CAUSES	826	847	848	901	839	832	786	941	971	844	8635	449	329	183	961
SPECIFIED CAUSES	818	838	838	897	834	829	784	935	966	837	8576	446	329	183	958
1. Zymotic Diseases	142	142	199	207	157	123	163	294	251	172	1850	161	28	18	207
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	45	59	51	71	54	38	43	43	34	26	464	4	26	23	53
3. Tubercular Diseases	229	178	180	208	188	233	149	180	183	184	1912	63	128	6	197
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	83	121	104	121	102	119	99	105	120	116	1090	47	35	24	106
5. Diseases of the Heart and Blood-vessels	13	18	22	19	26	25	29	21	43	36	252	2	24	11	37
6. Diseases of the Lungs, and of the other Organs of Respiration	97	90	93	89	113	109	91	95	102	94	973	89	35	37	161
7. Diseases of the Stomach, Liver, and other Organs of Digestion	66	46	55	47	54	50	63	50	60	59	550	27	21	9	57
8. Diseases of the Kidneys, &c.	4	6	9	10	9	12	9	13	14	4	90	..	9	8	17
9. Childbirth, Diseases of the Uterus, &c.	8	7	6	9	8	11	12	4	5	18	88	..	6	..	6
10. Rheumatism, Diseases of the Bones, Joints, &c.	4	8	11	5	6	14	11	6	13	6	84	2	4	..	6
11. Diseases of the Skin, Cellular Tissue, &c.	2	1	..	..	..	1	1	1	..	2	8	..	..	..	..
12. Malformations	2	1	3	1	..	7	2	3	3	5	27	2	..	..	2
13. Premature Birth & Debility	18	25	16	22	17	16	20	22	22	23	201	20	1	..	21
14. Atrophy	6	6	8	13	12	17	21	23	24	22	152	18	1	2	21
15. Age	47	67	58	58	66	33	37	37	34	32	469	..	..	37	37
16. Sudden	13	33	6	8	9	4	5	4	9	10	101	1	2	..	3
17. Violence, Privation, Cold, and Intemperance	39	30	17	9	13	17	29	34	49	28	265	10	9	8	27
1.—Small-pox	24	5	10	49	15	6	14	30	9	9	171	16	..	..	16
Measles	18	41	29	22	37	4	34	22	21	26	254	39	..	..	39
Scarlatina	4	30	33	56	16	10	4	77	40	19	289	12	2	1	15
Hooping Cough	28	20	56	16	37	44	22	27	58	25	333	47	..	..	47
Croup	15	12	4	10	7	4	3	10	5	8	78	7	..	..	7
Thrush	8	2	3	7	7	4	4	6	3	1	45	1	..	..	1
Diarrhœa	7	4	4	5	4	6	11	17	20	19	97	7	2	2	11
Dysentery	1	..	1	2	1	1	4	8	5	3	26	3	1	..	4
Cholera	..	1	..	..	..	1	..	2	22	2	28	..	..	..	..
Influenza	2	..	1	1	..	..	..	2	..	1	7	2	3	1	6
Purpura and Scurvy	..	..	..	1	..	2	3	1	..	2	9	..	..	1	1
Ague	..	..	1	..	..	..	..	1	..	..	2	..	..	..	..
Remittent Fever	..	..	..	..	..	2	2	4	2	3	13	3	..	..	3
Infantile Fever	*	*	*	*	*	*	*	1	..	1	2	2	..	..	2
Typhus	29	21	48	32	28	32	51	67	38	39	385	21	18	7	46
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	4	5	1	10	..	..	..	..
Rheumatic Fever	*	*	*	*	*	*	*	..	5	2	7	..	..	..	..
Erysipelas	5	4	7	5	4	5	11	14	12	10	77	..	2	5	7
Syphilis	1	2	2	1	1	2	..	1	6	1	17	1	..	..	1
Noma (or Canker)	*	*	*	*	..	..	..	..	..	..	..	..	..	1	1
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	5	5	1	4	4	7	5	4	7	1	43	..	8	..	8
Dropsy	25	36	31	43	32	9	15	17	11	7	226	..	5	12	17
Abscess	1	5	..	1	1	..	1	3	..	..	12	2	1	1	4
Ulcer	..	..	..	..	1	..	2	1	1	..	5	1	..	2	3
Fistula	..	..	..	..	..	1	..	1	..	..	2	..	..	..	..
Mortification	3	3	5	2	1	3	5	2	3	3	30	..	..	3	3
Cancer	9	9	12	20	12	17	14	13	11	15	132	1	10	5	16
Gout	2	1	2	1	3	1	1	2	1	..	14	..	2	..	2
3.—Scrofula	3	2	4	6	..	6	6	4	6	7	44	6	3	1	10
Tabes Mesenterica	5	3	13	12	10	21	11	13	13	8	109	12	..	..	12
Phthisis (or Consumption)	183	143	137	152	143	171	109	144	128	141	1451	16	125	5	146
Hydrocephalus	38	30	26	38	35	35	23	19	36	28	308	29	..	..	29

* See Note, page 179.

in the TWENTY-THIRD Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 55°·2—June 7.			
	51°·2	65°·0	53°·9	58°·7	58°·4	64°·5	61°·9	57°·1	59°·7	59°·3	Mean 58°·9				
	June 12	June 11	June 10	June 8	June 7	June 6	June 5	June 10	June 9	June 8	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
4.—Cephalitis	11	6	13	17	8	8	10	8	15	9	105	7	1	..	8
Apoplexy	11	15	17	19	21	29	26	22	24	25	209	1	14	9	24
Paralysis	6	19	18	23	16	23	13	20	21	22	181	..	7	10	17
Delirium Tremens	1	1	1	5	2	1	1	3	3	5	23	..	3	..	3
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy	4	1	4	5	4	8	4	6	7	7	50	..	1	2	3
Tetanus	1	..	1	..	1	1	..	..	..	..	4	..	1	..	1
Insanity	..	3	1	2	1	4	3	3	..	4	21	..	1	..	1
Convulsions	44	59	38	43	38	32	33	32	41	30	390	35	1	..	36
Disease of Brain, &c.	5	17	11	7	11	13	9	11	9	14	107	4	6	3	13
5.—Pericarditis	2	..	2	2	2	2	4	1	4	2	21	..	1	..	1
Aneurism	..	..	..	1	1	..	2	1	2	1	8	..	1	..	1
Disease of Heart, &c.	11	18	20	16	23	23	23	19	37	33	223	2	22	11	35
6.—Laryngitis	..	..	1	..	1	1	2	2	5	4	16	6	1	..	7
Bronchitis	4	11	11	12	16	28	30	33	38	35	218	27	11	26	64
Pleurisy	1	..	..	..	2	3	2	3	6	3	20	1	2	3	6
Pneumonia	65	45	53	54	69	50	44	40	39	45	504	54	12	5	71
Asthma	14	12	15	12	16	15	3	7	7	1	102	..	6	3	9
Disease of Lungs, &c.	13	22	13	11	9	12	10	10	7	6	113	1	3	..	4
7.—Teething	17	18	21	10	13	3	8	5	12	10	117	11	..	..	11
Quinsey	2	..	2	3	..	3	1	2	1	1	15	1	..	..	1
Gastritis, Enteritis	21	13	9	1 + 9	1 + 9	1 + 5	2 + 9	.. + 6	.. + 8	1 + 6	101	.. + 9	1 + ..	.. + ..	1 + 9
Peritonitis	1	1	3	1	..	2	6	4	4	6	28	..	4	2	6
Ascites	..	..	..	1	1	4	..	2	..	1	9	..	1	1	2
Ulceration (of Intestines)	1	3	..	1	3	3	3	4	1	2	21	..	..	..	..
Hernia	2	2	2	1	2	1	5	2	6	3	26	..	1	1	2
Ileus	4	2	1	2	3	1	1	2	2	5	23	2	1	..	3
Intussusception	..	..	1	..	..	2	..	1	2	..	6	..	..	..	..
Stricture of Intestinal Canal	..	..	..	..	..	2	..	..	1	..	3	..	..	1	1
Disease of Stomach, &c.	2	2	2	4	8	9	10	7	6	6	56	2	2	..	4
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	..	..	1	3	2	6	1	5	4	23	1	2	..	3
Jaundice	4	..	..	5	2	1	7	2	3	2	26	1	1	..	2
Disease of Liver	11	5	14	8	9	11	5	12	8	11	94	..	8	4	12
Disease of Spleen	..	..	..	..	..	..	..	..	1	1	2	..	..	..	..
8.—Nephritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	1	3	..	4	..	2	3	5
Ischuria	..	1	..	..	..	1	..	1	..	..	3	..	..	..	..
Diabetes	..	..	..	..	1	..	..	..	..	..	1	..	1	..	1
Stone	1	..	..	1	..	1	..	..	1	1	5	..	1	..	1
Cystitis	..	..	..	..	..	3	3	3	2	..	11	..	..	2	2
Stricture of Urethra	..	..	2	2	2	1	..	3	..	1	11	..	..	..	..
Disease of Kidneys, &c.	3	5	7	7	6	6	6	5	8	2	55	..	5	3	8
9.—Paramenia	..	1	..	1	..	..	..	..	..	1	3	..	..	..	..
Ovarian Dropsy	..	..	1	..	1	2	2	..	..	2	8	..	..	..	..
Childbirth (*see* Metria)	4	4	2	6	6	8	5	3	4	10	52	..	3	..	3
Disease of Uterus, &c.	4	2	3	2	1	1	5	1	1	5	25	..	3	..	3
10.—Arthritis	..	..	1	1	..	2	..	..	..	..	4	..	..	..	..
Rheumatism	3	..	2	2	1	7	4	4	5	2	30	..	4	..	4
Disease of Joints, &c.	1	8	8	2	5	5	7	2	8	4	50	2	..	..	2
11.—Carbuncle	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Phlegmon	1	..	..	..	..	1	1	..	..	2	5	..	..	..	..
Disease of Skin, &c.	1	1	..	..	..	..	..	1	..	..	3	..	..	..	..
17.—Intemperance	..	1	..	..	1	1	..	1	1	2	7	..	2	..	2
Privation of Food	1	..	..	..	..	..	..	..	1	..	2	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	4	5	1	10	2	..	..	2
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	1	1	3	5	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	5	8	5	18	2	..	1	3
Hanging and Suffocation	*	*	*	*	*	*	*	3	2	6	11	3	1	1	5
Drowning	*	*	*	*	*	*	*	3	13	5	21	..	2	1	3
Fractures	*	*	*	*	*	*	*	14	13	6	33	3	3	4	10
Wounds	*	*	*	*	*	*	*	2	4	..	6	..	1	1	2
Other Violence	*	*	*	*	*	*	*	1	1	..	2	..	..	..	..
All Violence	38	29	17	9	12	16	29	29	42	25	246	8	7	8	23
Causes not specified	8	9	10	4	5	3	2	6	5	7	59	3	..	..	3

* See Note, page 179.

Deaths Registered in the Twenty third Week of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			51°·2	65°·0	53°·9	58°·7	58°·4	64°·5	61°·9	57°·1	59°·7	59°·3	Mean 58°·9	55°·2
			June 12	June 11	June 10	June 8	June 7	June 6	June 5	June 10	June 9	June 8	Sum of 10 Weeks.	June 7,
	1831	1841	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1654994	1948369	826	847	848	901	839	832	786	941	971	844	8635	961
1–6. West Districts .	252761	301189	124	134	122	144	133	119	124	136	140	138	1314	146
7–11. North Districts .	306185	376568	146	163	163	170	166	142	143	190	184	179	1646	202
12–19. Central Districts	355502	374199	169	157	189	156	135	171	147	140	171	132	1567	147
20–25. East Districts .	330736	393067	172	199	199	194	180	175	148	234	197	163	1861	208
26–36. South Districts .	409810	503346	215	194	175	237	225	225	224	241	279	232	2247	258
1. Kensington . . HL	52981	74898	24	32	20	26	31	31	21	35	34	35	289	37
2. Chelsea . . . *W*H	32371	40243	19	23	18	33	22	19	15	20	15	17	201	26
3. St.GeorgeHanover-sq.H	58209	66657	35	24	26	25	33	21	35	27	20	30	276	25
4. Westminster HHPP	48177	56802	21	30	26	36	23	23	31	36	41	32	299	32
5. St.Martin-in-the-Flds. H	23970	25132	8	10	15	13	8	11	12	10	13	12	112	11
6. St. James Westminster	37053	37457	17	15	17	11	16	14	10	8	17	12	137	15
7. Marylebone . . . H	122206	138383	65	75	67	68	60	53	56	56	46	63	609	59
8. Hampstead	8588	140078	*	*	*	*	*	*	*	3	6	3	12	5
9. Pancras . . *W*HH	103548		50	51	62	59	69	54	46	83	72	70	616	78
10. Islington . . . HP	37316	55779	18	27	18	24	19	22	18	30	34	28	238	35
11. Hackney . . . . H	34527	42328	13	10	16	19	18	13	23	18	26	15	171	25
12. St. Giles	52907	54378	22	24	28	23	20	17	23	29	16	16	218	21
13. Strand (wkh. in 9) . H	42015	43667	17	18	19	22	24	18	16	15	20	16	185	22
14. Holborn	42696	44532	13	13	17	12	9	19	16	16	22	19	156	17
15. Clerkenwell . . PP	47634	56799	25	21	29	21	31	28	12	15	28	19	229	18
16. St. Luke (wkh. in 20) L	46642	49908	29	23	17	20	19	24	25	18	24	15	214	18
17. East London . . . P.	38311	39718	25	12	28	17	9	16	12	12	15	13	159	11
18. West London *W*HPPP	28217	29188	19	26	23	18	11	27	19	22	29	16	210	16
19. City of Lon. (wkh. in 25)	57080	56009	19	20	28	23	12	22	24	13	17	18	196	24
20. Shoreditch . . *W*L	68564	83564	39	45	40	35	49	34	31	56	46	35	410	47
21. Bethnal Green . . L	62018	74206	26	36	37	38	32	23	22	37	33	32	316	25
22. Whitechapel . . . H	64141	71879	46	36	46	45	30	36	31	47	40	29	386	31
23. St. George-in-the-East .	38505	41416	20	29	26	26	13	23	16	25	14	14	206	21
24. Stepney . . . . H	72442	90831	27	37	42	33	36	45	29	49	43	28	369	60
25. Poplar . . . . *W*L	25066	31171	14	16	8	17	20	14	19	20	21	25	174	24
26. St. Saviour . . H H	31711	33027	12	16	13	22	14	12	13	27	16	19	164	12
27. St. Olave . . . H H	20021	19869	10	14	18	16	13	21	12	14	29	11	158	13
28. Bermondsey	29741	35002	7	14	16	21	16	20	13	16	26	17	166	15
29. St. Geo. Southwk. LPP	39769	46718	27	25	17	26	24	19	27	13	22	22	222	19
30. Newington . . . P	44526	54693	25	19	15	22	29	20	23	11	36	27	227	25
31. Lambeth	87856	116072	48	44	47	50	39	54	50	54	46	47	479	52
32. Wandsworth . . . L	33090	39918	*	*	*	19	18	11	13	19	16	8	104	15
33. Camberwell . . LL	28231	39931	33	11	16	23	22	22	19	16	17	31	210	31
34. Rotherhithe	12875	13940	8	5	3	6	5	10	2	4	6	5	54	5
35. Greenwich . HHHP	63564	81125	45	46	30	32	45	36	43	54	58	32	421	57
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	9	13	7	13	42	14

Note.—The letters placed against names of districts denote public institutions now within their limits namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 8635; which, divided by 10, gives 864 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1851, by adding to it an eleventh part; thus, 864 divided by 11 is about 79, which added to 864, makes the corrected average 943. The corrected average for small-pox, or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 171 in 10 weeks; the average was 17; the corrected average 19. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5{\cdot}5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M	F.	T.
1 Paddington [St. Mary]	1	.	1
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	.	2	2
2 *St. George Hanover Square [Chelsea N.W.]*	.	.	.
3 St. George Hanover Square [May Fair]	.	.	.
4 Westminster [St. Margaret]	1	1	2
5 St. Martin-in-the-Fields [Charing Cross]	1	2	3
6 St. James Westminster [Golden Square]	2	1	3
7 Marylebone [Rectory]	3	7	10
9 *Strand [Tottenham Court]*	.	.	.
9 Pancras [Camden Town]	4	2	6
10 Islington [West]	.	.	.
11 Hackney [Hackney]	.	2	2
12 St. Giles [South]	3	3	6
14 Holborn [St. Andrew East]	2	2	4
15 Clerkenwell [St. James]	.	.	.
17 East London [St. Botolph]	.	.	.
18 *East London [West London North]*	2	.	2
18 West London [North]	1	.	1
20 Shoreditch [Haggerstone West]	.	.	.
20 *St. Luke [Hoxton New Town]*	2	1	3
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	2	2	4
23 St. George-in-the-East [St. John]	.	2	2
24 Stepney [Shadwell]	.	1	1
24 Stepney [Ratcliff]	1	.	1
24 Stepney [Mile End Old Town Lower]	.	.	.
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	1	.	1
25 *London City [Bow]*	3	1	4
25 Poplar [Poplar]	.	1	1
26 St. Saviour [Christchurch]	.	1	1
27 St. Olave [St. John Horselydown]	.	.	.
28 Bermondsey [St. Mary Magdalen]	1	1	2
29 St. George Southwark [Borough Road]	1	.	1
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2nd]	2	1	3
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	1	.	1
33 Camberwell [Camberwell]	1	.	1
34 Rotherhithe	.	.	.
35 Greenwich [East]	1	1	2
36 Lewisham [Village]	.	1	1
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	36	35	71

HOSPITALS.

Military and Naval Asylums:—

35 Royal Hospital Greenwich [East] Pensioners	8	.	8
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	3	.	3
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	11	.	11

General Hospitals:—

3 St. George [Belgrave]	2	2	4
4 Westminster [St. Margaret]	3	2	5
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	1	2	3
9 University College [Tottenham Court]	5	.	5
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	2	3	5
18 St. Bartholomew [West London North]	1	2	3
22 London [Whitechapel Church]	1	1	2
27 Guy's [St. Olave and St. Saviour]	1	2	3
27 St. Thomas [St. Olave & St. Saviour]	4	2	6
Total	20	16	36

Hospitals for Special Diseases:—

10 Small Pox [Islington West]	.	.	.
10 Fever [Islington West]	1	1	2
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	.	1
Total	2	1	3

HOSPITALS—*continued.*	M	F.	T.
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	1	.	1
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	2	.	2
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	1	1
33 Peckham House [Camberwell]	3	1	4
33 Camberwell House [Camberwell]	.	.	.
Total	6	2	8
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	1	.	1
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	2	.	2
35 Royal Ordnance (Woolwich Arsenal)	5	.	5
36 Dreadnought Ship (for Seamen, Greenwich West)	3	.	3
Total	11	.	11
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	2	2
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	2	2

PRISONS.

4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.

Workhouses	36	35	71
Military and Naval Asylums	11	.	11
General Hospitals	20	16	36
Hospitals for Special Diseases	2	1	3
Lying-in Hospitals	.	.	.
Lunatic Asylums	6	2	8
Military and Naval Hospitals	11	.	11
Hospitals and Asylums for Foreigners	.	2	2
Prisons	.	.	.
Total in Public Institutions	86	56	142

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 7th June, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Difference between the Dew Point Temperature and Air Temperature. Greatest.	Difference between the Dew Point Temperature and Air Temperature. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure in lbs. on the square foot. Greatest.	Osler's. Pressure in lbs. on the square foot. Least.	Osler's. Pressure in lbs. on the square foot. Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
June.			in.	°	°	°	°	°	°		°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday .	1	Greatest Dec. N.	30·168	71·6	38·5	54·8	43·2	75·5	31·0	63·1	59·5	11·6	16·2	0·0	— 3·1	E. and N.E.	N.E. and S.E	0·0	0·0	0·0	45	0·00
Monday .	2	..	29·996	71·7	45·0	58·5	47·2	87·5	36·0	64·0	60·3	11·3	16·5	7·8	+ 0·4	S.E. & N.N.E.	N.	0·0	0·0	0·0	85	0·00
Tuesday .	3	..	29·656	72·1	46·4	60·8	47·7	80·0	40·0	64·5	60·5	13·1	18·0	0·0	+ 2·5	S.W.	S.W.	3·0	0·0	0·7	180	0·00
Wednesday	4	..	29·769	61·1	40·9	47·7	37·1	71·0	35·0	64·7	60·5	10·6	17·7	4·8	—10·8	N.W.	S.W. and N.	3·0	0·0	0·2	115	0·08
Thursday .	5	Perigee.	29·679	61·2	39·5	50·9	44·2	69·0	33·5	64·5	60·5	6·7	10·5	1·3	— 7·8	S.	S.S.W.	6·0	0·0	2·3	270	0·09
Friday .	6	First Quarter.	29·768	68·1	47·5	56·5	51·0	80·0	43·0	63·5	59·7	5·5	9·8	2·6	— 2·3	S.W.	S.W.	4·5	0·0	2·2	230	0·00
Saturday	7	..	29·842	67·1	51·5	57·4	53·4	74·0	46·0	63·0	59·3	4·0	9·1	2·4	— 1·5	S.W.	S.W.	4·0	0·0	1·6	245	0·00
Means . .		..	29·840	67·6	44·2	55·2	46·3	76·7	37·8	63·9	60·6	9·0	13·1	2·7	— 3·2	Variable.		..	..	..	Sum 1170	Sum 0·17
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

Electricity.

Sunday . .	Nothing was shown at any examination.
Monday . .	Nothing was shown throughout the day.
Tuesday .	Positive, and tension weak at 9h. p.m.
Wednesday	Positive, and tension strong throughout the day.
Thursday .	Positive, and tension strong during the morning.
Friday . .	Nothing was shown throughout the day.
Saturday .	Nothing was shown throughout the day.

General Remarks.

The sky was cloudless throughout the day.

The sky was free from cloud till noon; from this time till 5h. p.m. three-fourths were covered with cloud, and it was mostly clear afterwards.

Three-fourths of the sky were covered till 6h. p.m., and overcast afterwards; cirrostratus.

The sky was overcast till noon; from this time till 4h. p.m. three-fourths were covered, and it was clear afterwards. Rain fell during the earlier portion of the morning.

The sky, with slight exceptions, was covered with cloud throughout the day; cumulostratus, cirrostratus, and scud. Rain fell heavily during the afternoon.

The sky was covered with cloud till 4h. p.m.; the amount after this time was variable; cirrostratus, fleecy clouds, and light scud.

The sky was mostly overcast throughout the day; at times the place of the sun was visible. The day was windy.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. a.m.; noon; 3h. p.m.; 9h. p.m. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12. are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. a.m. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. a.m., was 59·8°; and the mean reading at 9h. p.m. was 56·0°; the mean readings at the Royal Observatory for the same times were 59·2° and 53·5° respectively.

The reading of the barometer decreased from 30·33 in. at the beginning of the week to 29·58 in. by 9h. p.m. on the 3rd; increased to 29·79 in. by 9h. p.m. on the 4th; decreased to 29·66 in. by 3h. p.m. on the 5th; increased to 29·85 in. by noon on the 7th, after which it decreased slightly till the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, June 14. [No. 24.

HEALTH OF LONDON DURING THE WEEK.

During May the number of deaths registered in each week in the metropolis was about a thousand; since the end of that month it has decreased by slow degrees, having been in the first week of June 961, and in the week ending last Saturday showing a further decline to 931. In the ten weeks of 1841–50, corresponding to last week, the average was 854, compared with which the mortality in the present return is still heavy; but if a correction is made in proportion to increase of population, the average becomes 932, and the number of deaths in last week almost exactly coincides with it.

The decrease on the week immediately preceding is perceptible in deaths arising from diseases of the organs of respiration, the number in this class having fallen from 161 to 139; and also within the two weeks, phthisis or consumption, which is placed in the tubercular class, having been fatal successively to 146 and 127 persons. But the class of affections of the respiratory organs exhibits still a considerable excess above the average, which is 107; and in the case of bronchitis, which has fallen to 51, a reference to the deaths in corresponding weeks of ten years will show that the number never rose in any instance above 43, and that generally it was less than 35. The mortality from pneumonia also continues greater than has been usual at this rather advanced season of the year, the number of fatal cases ascribed to it in this return being 68, which is more than occurred in any of the corresponding weeks, and 16 more than the average.

In the zymotic or epidemic class of diseases, small-pox was fatal to 15 children, and to 4 persons above 15 years of age. In Holbrook-court, near Tottenham-court-road, a family mentioned by the Registrar resides, in which, out of eight children, three who have been vaccinated have escaped the disease, while of the remaining five who have not been vaccinated, three have died. The place is remarkable for filth, deficient ventilation, and want of drainage.

The total number of fatal cases, enumerated this week, as due to epidemics, is 196 (which scarcely exceeds the corrected average); and amongst these, measles counts 33, hooping-cough 40, diarrhœa and dysentery 16, typhus 35, and scarlatina, which has become more fatal, 24. The following are the particulars of a case of cholera:—

In St. Mary, Newington, at 9 Swan-street, on 10th June, a painter and glazier, aged 48 years, died of "cholera maligna after 24 hours' illness."

Between the 7th and 12th June inclusive, seven pensioners died in the Royal Hospital at Greenwich, the youngest of whom was 70 years of age, and the oldest 78.

The births of 659 boys, and 633 girls, in all 1292 children, were registered last week. The average of six corresponding weeks in 1845–50, was 1280.

At the Royal Observatory, Greenwich, the mean height of the barometer in the week was 29·737 in. The mean temperature of the week was 55·9,° which is lower than the average of corresponding weeks in ten years by nearly 4 degrees. The mean daily temperature was above the average on Sunday, but on every subsequent day was below it, and on Tuesday, which was the coldest, the mean fell to 49·6,° or nearly 10 degrees below the average. The wind blew generally from the south-west.

The following selections are made from the Registrars' Reports:—

In Pancras, Tottenham sub-district, at 3 Holbrook-court, on 10th and 11th June, the son and daughter of a shoemaker, aged respectively 7 years and 15 months, died of "variola," in either case after 9 days' illness. Mr. Wells states that "there were 8 children in the family; three, who have been vaccinated, have escaped the disease; three of five, who had not been vaccinated, have died. The place is the most filthy, ill-ventilated, and ill-drained in the district. A similar report was made on 12th April last, respecting another family in the same place."

In Camden Town sub-district, at 13 Canterbury-terrace, on 8th June, the son of a gardener, aged 3 years, died of "pleuro-pneumonia (2 years), abscesses of the lungs." Mr. Holl adds that "this terrace in Agar Town is a row of small tenements, very slightly built, situated on the banks of the Regent's Canal, near which is a mountain of cinders in a state of vegetation, being nearly covered with grass and weeds, from whence arises a sickening effluvium. This nuisance has existed for some years, and within a hundred yards of the Workhouse.

In St. Giles-in-the-Fields, South sub-district, at 2 New-court, on 11th June, the son of a butcher, aged 5 months, died of small-pox. This child (says Mr. Faulkner) had never been vaccinated. In proof of the importance of vaccination, it may be remarked, that of all the deaths in this sub-district from small-pox during this quarter, none have occurred except among persons who had not been vaccinated.

In Hackney-road sub-district, at 52 Old Nichol-street, on 5th June, the daughter of a French polisher, aged 1 year, died of "natural small-pox (11 days)." "The street is crowded and undrained." Mr. Murray describes Half Nichol-street, and Collingwood-street, where deaths occurred from other causes, in the same terms.

In Lambeth, Waterloo, 2nd part, at 16 Lambeth-square, on 8th June, the daughter of a coach-trimmer, aged 14 days, died of "small-pox." Mr. Daws says, "Deceased was not vaccinated; informant states, that another of her children who has been vaccinated is suffering from the disease. I have heard of several other cases in this neighbourhood." In the same sub-district, at 6 Little Charlotte-place, on 13th June, the son of a stonemason, aged 4 months, died of "diarrhœa with vomiting (5 days)." "This is a narrow, confined court, with slaughter houses in the rear, which are stated to be very offensive. The mother of deceased was previously suffering from diarrhœa."

In Peckham, at 4 Esther-place, Canal-walk, on 13th June, the son of a plasterer, aged 6 months, died of "scarlatina (5 days)." Mr. Clark mentions that "this death occurred in the house alluded to in his last return; and the informant in this case complains very much, both of the bad state of the privies in the whole row, and of the want of drainage."

BIRTHS Registered LAST WEEK, and in the TWENTY-FOURTH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1203	1331	1177	1268	1443	1260	1280	1292
Males. . .	635	675	582	625	720	688	654	659
Females . .	568	656	595	643	723	572	626	633

DEATHS Registered LAST WEEK, and in the TWENTY-FOURTH Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		750	752	955	855	845	821	840	1009	912	800	853·9	931*
Males . .		370	380	476	445	443	417	440	542	513	405	443·1	517
Females .		380	372	479	410	402	404	400	467	399	395	410·8	414
Deaths at three periods of life . .	Ages.												
	0—15	335	348	424	404	378	337	348	490	423	346	383·3	450
	15—60	277	268	342	297	298	305	308	351	330	300	307·6	300
	60 & up.	138	135	186	154	168	177	182	164	158	154	161·6	172

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

* The return of deaths from the sub-district of Kent-road was not received in time for insertion in the Tables. An average of 8 derived from the results of the six previous weeks is substituted, and in the *Causes of Death* is placed to *Causes not specified*. The true number is now ascertained to be 6.

BIRTHS and DEATHS registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Mar. 22.	Mar. 29.	Apr. 5.	Apr. 12.	Apr. 19.	Apr. 26.	May 3.	May 10.	May 17.	May 24.	May 31.	June 7.	June 14.
BIRTHS	1580	1780	1560	1536	1425	1503	1487	1572	1467	1434	1533	1446	1292
DEATHS	1412	1418	1059	1042	998	1075	994	1041	1002	1000	990	961	931
DEATHS (except from Violence) . . .	1387	1289	1036	1033	977	1058	965	1012	965	990	960	938	900
Deaths (except from Violence) at 60 years and upwards . .	384	295	226	225	205	212	216	191	177	197	181	175	171
Scarlatina	15	10	6	13	8	10	13	11	9	17	10	15	24
Typhus	54	38	32	25	37	32	25	43	30	18	32	40	35
Diarrhœa & Dysentery	19	22	14	18	15	22	9	25	18	14	22	15	16
Cholera	1	1	..	..	..	..	..	..	..	..	..	..	1
Mean Temperature .	44°·9	46°·3	43°·5	40°·3	46°·3	49°·9	42°·8	47°·4	50°·9	53°·0	55°·6	55°·2	55°·9

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child-birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," or "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite the above heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851			
	57°·4	64°·0	56°·7	62°·5	62°·4	67°·0	54°·3	60°·8	53°·5	58°·0	Mean 59°·6	55°·9—June 14.			
	June 19	June 18	June 17	June 15	June 14	June 13	June 12	June 17	June 16	June 15	Sum of 10 Weeks	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
ALL CAUSES	750	752	955	855	845	821	840	1009	912	800	8539	450	300	172	†931
SPECIFIED CAUSES	741	749	946	853	842	820	839	1002	909	799	8500	449	299	172	†921
1. Zymotic Diseases	112	136	208	194	131	130	157	289	251	167	1775	157	25	14	196
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	54	55	62	50	59	43	40	42	32	36	473	4	18	11	33
3. Tubercular Diseases	191	187	233	185	180	184	206	191	165	163	1885	60	115	9	184
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	111	94	109	103	107	115	106	122	117	94	1078	49	25	31	105
5. Diseases of the Heart and Blood-vessels	21	14	26	27	39	27	37	31	24	39	285	3	21	8	32
6. Diseases of the Lungs, and of the other Organs of Respiration	89	73	120	104	109	102	102	97	88	92	976	79	27	33	139
7. Diseases of the Stomach, Liver, and other Organs of Digestion	61	45	48	56	51	62	48	58	63	55	547	22	20	16	58
8. Diseases of the Kidneys, &c.	2	4	10	8	10	11	12	12	13	11	93	..	9	4	13
9. Childbirth, Diseases of the Uterus, &c.	7	7	11	9	10	14	8	4	11	15	96	..	7	..	7
10. Rheumatism, Diseases of the Bones, Joints, &c.	3	10	3	8	4	8	10	5	4	5	60	2	6	1	9
11. Diseases of the Skin, Cellular Tissue, &c.	1	1	1	..	2	..	3	1	..	1	10	..	..	..	..
12. Malformations	..	..	..	1	3	5	4	6	3	3	25	3	..	..	3
13. Premature Birth & Debility	17	29	22	28	28	11	17	21	23	29	225	29	2	..	31
14. Atrophy	1	7	10	6	10	22	17	24	21	9	127	24	..	3	27
15. Age	39	50	59	50	53	39	41	32	31	35	429	..	..	35	35
16. Sudden	11	10	9	4	13	6	9	15	19	13	109	3	..	5	8
17. Violence, Privation, Cold, and Intemperance	21	27	15	29	33	41	22	52	44	32	307	14	24	2	†41
1.—Small-pox	12	10	10	47	14	9	12	44	3	9	170	15	4	..	19
Measles	12	33	40	13	23	7	32	18	15	20	213	33	..	..	33
Scarlatina	16	16	31	62	17	15	12	76	34	19	298	21	2	1	24
Hooping Cough	28	28	51	20	27	30	17	27	45	30	303	40	..	..	40
Croup	9	8	6	6	3	5	6	4	7	5	59	6	..	..	6
Thrush	5	4	5	4	4	2	2	4	2	3	35	1	..	..	1
Diarrhœa	6	11	4	9	5	9	20	21	36	17	138	10	1	2	13
Dysentery	1	..	3	..	1	1	3	5	2	1	17	1	1	1	3
Cholera	..	2	..	1	..	2	..	5	42	1	53	..	1	..	1
Influenza	2	..	5	1	..	3	..	..	..	2	13	1	2	..	3
Purpura and Scurvy	..	..	..	..	..	2	..	..	4	1	7	1	..	..	1
Ague	2	..	1	..	..	..	..	1	..	1	5	1	..	..	1
Remittent Fever	..	..	..	..	..	3	1	..	2	2	8	3	..	..	3
Infantile Fever	*	*	*	*	*	*	*	..	1	..	1	..	..	..	..
Typhus	17	23	47	27	29	38	44	69	45	43	382	20	9	6	35
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	6	2	6	14	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	..	1	1	2	..	..	..	..
Erysipelas	1	1	5	3	8	1	6	8	10	5	48	2	2	4	8
Syphilis	1	..	..	1	..	3	2	1	..	1	9	2	..	..	2
Noma (or Canker)	*	*	*	*	..	..	..	..	..	..	..	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	5	8	4	..	4	4	3	6	5	4	43	..	..	..	..
Dropsy	26	31	31	32	36	16	13	11	8	15	219	..	7	8	15
Abscess	1	4	..	2	3	..	1	1	1	1	14	2	2	..	4
Ulcer	..	..	1	..	..	2	1	..	1	..	5	1	..	..	1
Fistula	..	1	1	..	1	..	1	..	..	..	4	..	1	..	1
Mortification	8	3	7	3	5	5	1	3	2	3	40	..	1	1	2
Cancer	14	8	18	12	10	16	19	20	14	12	143	1	7	2	10
Gout	..	..	..	1	..	..	1	1	1	1	5	..	..	..	..
3.—Scrofula	2	2	3	5	1	3	8	6	5	6	41	6	4	1	11
Tabes Mesenterica	1	3	7	11	9	11	13	16	16	15	102	17	..	..	17
Phthisis (or Consumption)	160	144	179	136	123	133	154	143	118	129	1419	8	111	8	127
Hydrocephalus	28	38	44	33	47	37	31	26	26	13	323	29	..	..	29

* See Note, page 187.

† The age of a person *found murdered* is not stated.

in the TWENTY-FOURTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 55°·9—June 14.			
	57°·4 June 19 1841	64°·0 June 18 1842	56°·7 June 17 1843	62°·5 June 15 1844	62°·4 June 14 1845	67°·0 June 13 1846	54°·3 June 12 1847	60°·8 June 17 1848	53°·5 June 16 1849	58°·0 June 15 1850	Mean 59°·6 Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	14	12	12	16	13	12	12	10	11	16	128	10	2	..	12
Apoplexy	24	14	15	18	20	18	20	26	18	13	186	3	9	17	29
Paralysis	12	13	19	13	14	22	14	16	23	13	159	..	8	9	17
Delirium Tremens	1	3	2	3	2	4	4	3	3	3	28	..	3	..	3
Chorea	1	..	..	..	..	1	..	..	..	..	2	..	..	..	..
Epilepsy	1	5	5	2	3	6	5	2	11	3	43	1	3	..	4
Tetanus	..	..	..	1	1	..	..	1	2	..	5	..	..	..	..
Insanity	1	..	1	1	1	2	2	1	1	3	13	..	..	1	1
Convulsions	51	39	47	42	43	38	42	45	35	34	416	32	..	..	32
Disease of Brain, &c.	6	8	8	7	10	12	7	18	13	9	98	3	..	4	7
5.—Pericarditis	..	..	2	3	3	1	3	1	..	3	16	..	3	1	4
Aneurism	1	..	1	1	1	2	3	2	2	3	16	..	..	..	..
Disease of Heart, &c.	20	14	23	23	35	24	31	28	22	33	253	3	18	7	28
6.—Laryngitis	1	..	2	2	1	2	1	5	4	3	21	2	..	..	2
Bronchitis	8	11	23	14	16	31	43	29	35	39	249	18	14	19	51
Pleurisy	..	1	3	3	4	1	3	2	5	1	23	1	2	..	3
Pneumonia	50	44	62	57	58	50	42	42	34	39	478	56	5	7	68
Asthma	15	5	14	16	13	7	8	10	2	4	94	..	2	5	7
Disease of Lungs, &c.	15	12	16	12	17	11	5	9	8	6	111	2	4	2	8
7.—Teething	12	12	12	11	10	13	6	7	11	11	105	12	..	..	12
Quinsey	2	1	4	2	1	..	1	2	..	..	13	..	..	..	..
Gastritis }	16	18	9	..	1	2	1	2	4	3	129	..	3	2	5
Enteritis }				16	11	4	9	10	11	12		3	2	2	7
Peritonitis	1	2	2	5	2	6	4	7	5	2	36	..	2	1	3
Ascites	..	..	1	1	1	1	1	..	2	..	7	..	3	1	4
Ulceration (of Intestines)	2	..	1	1	1	5	1	3	..	1	15	1	2	1	4
Hernia	1	3	3	..	5	2	..	2	1	5	22	..	..	..	..
Ileus	1	1	2	2	1	3	2	1	2	3	18	..	1	1	2
Intussusception	1	..	1	1	1	2	2	1	3	..	12	1	..	..	1
Stricture of Intestinal Canal	1	..	..	..	..	..	1	..	..	1	3	..	..	..	..
Disease of Stomach, &c.	7	2	2	10	5	5	4	10	5	4	54	2	1	1	4
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	3	1	1	1	1	3	2	1	4	3	20	..	2	2	4
Jaundice	2	1	1	2	5	2	1	3	6	3	26	2	1	..	3
Disease of Liver	12	4	9	4	6	14	13	9	9	7	87	1	3	5	9
Disease of Spleen	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8.—Nephritis	..	..	1	..	1	..	3	..	..	..	5	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	2	2	2	6	..	1	1	2
Ischuria	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Diabetes	..	..	..	1	1	..	..	2	..	1	5	..	2	..	2
Stone	..	..	..	..	..	..	1	1	..	1	3	..	..	1	1
Cystitis	..	..	2	..	..	..	..	..	3	..	5	..	..	..	..
Stricture of Urethra	..	1	..	..	..	..	..	2	1	..	4	..	1	..	1
Disease of Kidneys, &c.	1	3	7	7	8	11	8	5	7	7	64	..	5	2	7
9.—Paramenia	..	..	1	..	..	1	..	..	1	1	4	..	..	..	..
Ovarian Dropsy	..	..	..	..	1	1	..	..	..	4	6	..	1	..	1
Childbirth (*see* Metria)	3	5	7	6	6	9	3	3	8	4	54	..	3	..	3
Disease of Uterus, &c.	4	2	3	3	3	3	5	1	2	6	32	..	3	..	3
10.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
Rheumatism	2	3	..	..	1	6	4	2	1	3	22	1	3	..	4
Disease of Joints, &c.	1	7	3	8	3	2	6	3	3	2	38	..	3	1	4
11.—Carbuncle	..	..	..	..	1	..	..	..	..	1	2	..	..	..	..
Phlegmon	1	..	..	..	..	..	1	..	..	..	2	..	..	..	..
Disease of Skin, &c.	..	1	1	..	1	..	2	1	..	..	6	..	..	..	..
17.—Intemperance	1	..	1	..	3	1	..	..	..	..	6	..	3	1	4
Privation of Food	..	..	1	1	..	1	2	2	3	..	10	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	4	6	1	11	6	..	..	6
Neglect	*	*	*	*	*	*	*	..	1	..	1	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	3	2	3	8	..	1	..	1
Burns and Scalds	*	*	*	*	*	*	*	3	4	6	13	1	1	..	2
Hanging and Suffocation	*	*	*	*	*	*	*	6	4	7	17	3	1	..	4
Drowning	*	*	*	*	*	*	*	11	9	..	20	1	2	..	3
Fractures	*	*	*	*	*	*	*	17	15	9	41	2	12	1	15
Wounds	*	*	*	*	*	*	*	6	..	4	10	1	4	..	5
Other Violence	*	*	*	*	*	*	*	..	..	2	2	..	..	..	†1
All Violence	20	27	13	19	30	39	20	46	34	31	279	8	21	1	†31
Causes not specified	9	3	9	2	3	1	1	7	3	1	39	1	1	..	†10

* See Note, page 187.

† The age of a person *found murdered* is not stated.

DEATHS Registered in the TWENTY-FOURTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			57°·4	64°·0	56°·7	62°·5	62°·4	67°·0	54°·3	60°·8	53°·5	58°·0	Mean 59°·6	55°·9
			June 19	June 18	June 17	June 15	June 14	June 13	June 12	June 17	June 16	June 15	Sum of 10 Weeks.	June 14,
	1831	1841	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1654994	1948369	750	752	955	855	845	821	840	1009	912	800	8539	931
1–6. WEST DISTRICTS .	252761	301189	108	118	130	131	162	153	116	163	153	126	1360	143
7–11. NORTH DISTRICTS .	306185	376568	144	141	192	168	152	158	181	163	158	175	1632	178
12–19. CENTRAL DISTRICTS	355502	374199	158	148	185	150	134	147	129	169	163	115	1498	164
20–25. EAST DISTRICTS .	330736	393067	163	154	245	174	193	168	188	262	181	166	1894	181
26–36. SOUTH DISTRICTS .	409810	503346	177	191	203	232	204	195	226	252	257	218	2155	265
1. Kensington . . HL	52981	74898	24	22	21	31	28	50	35	38	26	32	307	38
2. Chelsea . . . *W*H	32371	40243	14	20	33	19	35	20	23	31	21	21	237	24
3. St.GeorgeHanover-sq.H	58209	66657	21	22	20	23	47	36	21	35	45	15	285	40
4. Westminster HHPP	48177	56802	26	24	28	34	27	20	27	38	37	32	293	24
5. St.Martin-in-the-Flds. H	23970	25132	7	15	14	7	13	7	4	10	9	8	94	8
6. St. James Westminster	37053	37457	16	15	14	17	12	20	6	11	15	18	144	9
7. Marylebone . . . H	122206	138383	61	59	86	65	48	65	66	49	51	69	619	55
8. Hampstead	8588	140078	*	*	*	*	*	*	2	2	13	1	18	2
9. Pancras . . *W*HH	103548		63	51	72	73	58	56	63	67	48	59	610	70
10. Islington . . . HP	37316	55779	6	16	19	18	30	20	32	37	31	35	244	40
11. Hackney . . . . H	34527	42328	14	15	15	12	16	17	18	8	15	11	141	12
12. St. Giles	52907	54378	24	22	23	26	16	12	29	23	23	19	217	23
13. Strand (wkh. in 9) . H	42015	43667	15	16	30	12	15	16	7	27	22	17	177	19
14. Holborn	42696	44532	11	21	25	16	19	20	16	16	22	18	184	12
15. Clerkenwell . . PP	47634	56799	26	23	22	29	22	21	23	21	20	14	221	25
16. St. Luke (wkh. in 20) L	46642	49908	21	21	20	15	15	20	15	25	18	13	183	29
17. East London . . . P.	38311	39718	18	8	17	22	14	23	15	19	18	10	164	18
18. West London *W*HPPP	28217	29188	20	18	27	14	18	18	16	27	26	13	197	19
19. City of Lon. (wkh. in 25)	57080	56009	23	19	21	16	15	17	8	11	14	11	155	19
20. Shoreditch . . *W*L	68564	83564	35	34	60	36	45	49	39	55	28	31	412	45
21. Bethnal Green . . L	62018	74206	28	31	29	46	40	19	19	31	28	43	314	30
22. Whitechapel . . . H	64141	71879	24	30	54	31	43	37	40	53	51	30	393	38
23. St. George-in-the-East .	38505	41416	27	13	30	26	17	14	27	34	18	16	222	17
24. Stepney . . . . H	72442	90831	37	37	57	30	29	33	44	72	36	34	409	44
25. Poplar . . . *W*L	25066	31171	12·	9	15	5	19	16	19	17	20	12	144	7
26. St. Saviour . . HH	31711	33027	13	22	10	23	14	14	11	28	17	14	166	26
27. St. Olave . . . HH	20021	19869	12	10	22	19	16	15	27	11	21	23	176	13
28. Bermondsey	29741	35002	7	12	13	19	14	13	16	24	29	14	161	18
29. St. Geo. Southwk. LPP	39769	46718	20	11	31	28	20	15	26	19	20	14	204	22
30. Newington . . . P	44526	54693	29	26	26	35	23	31	19	16	29	21	255	40
31. Lambeth	87856	116072	40	47	51	44	36	47	34	48	48	51	446	59
32. Wandsworth . . L	33090	39918	*	*	*	11	15	17	17	8	11	14	93	18
33. Camberwell . . LL	28231	39931	13	14	16	9	22	13	27	18	20	18	170	20
34. Rotherhithe	12875	13940	6	6	1	11	1	1	3	14	13	..	56	5
35. Greenwich . HHHP	63564	81125	37	43	33	33	43	29	38	48	37	34	375	39
36. Lewisham . . . *W*	18426	23051	*	*	*	*	*	*	8	18	12	15	53	5

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those from which weekly returns were not made throughout all the ten years. Thus the sum of deaths in ten weeks is 8539; which, divided by 10, gives 854 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with deaths of 1851, by adding to it an eleventh part; thus, 854 divided by 11 is about 78, which added to 854, makes the corrected average 932. The corrected average for small-pox, or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 170 in 10 weeks; the average was 17; the corrected average 19. London increased at the rate of 1·551 *per cent.* annually in the ten years, June (1831–41); the interval from the middle of the time first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01551$; so $r^{5{\cdot}5} = 1{\cdot}0883 = 1 + \frac{1}{11{\cdot}3}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{11{\cdot}3} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 11 may be substituted for 11·3.

Deaths Registered in the Week in Workhouses, Hospitals, &c.

WORKHOUSES, &c.	M	F.	T.
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	1	1
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	1	.	1
2 Chelsea [North West]	1	1	2
2 *St. George Hanover Square [Chelsea N.W.]*	.	.	.
3 St. George Hanover Square [May Fair]	2	.	2
4 Westminster [St. Margaret]	.	.	.
5 St. Martin-in-the-Fields [Charing Cross]	.	.	.
6 St. James Westminster [Golden Square]	.	1	1
7 Marylebone [Rectory]	3	7	10
9 *Strand [Tottenham Court]*	.	.	.
9 Pancras [Camden Town]	2	4	6
10 Islington [West]	2	.	2
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	.	4	4
14 Holborn [St. Andrew East]	.	2	2
15 Clerkenwell [St. James]	.	1	1
17 East London [St. Botolph]	2	2	4
18 *East London [West London North]*	1	.	1
18 West London [North]	.	1	1
20 Shoreditch [Haggerstone West]	3	.	3
20 *St. Luke [Hoxton New Town]*	.	1	1
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	1	.	1
22 Whitechapel [North]	2	1	3
23 St. George-in-the-East [St. John]	1	2	3
24 Stepney [Shadwell]	.	2	2
24 Stepney [Ratcliff]	.	1	1
24 Stepney [Mile End Old Town Lower]	.	.	.
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	1	.	1
25 *London City [Bow]*	1	.	1
25 Poplar [Poplar]	.	.	.
26 St. Saviour [Christchurch]	1	1	2
27 St. Olave [St. John Horselydown]	.	.	.
28 Bermondsey [St. Mary Magdalen]	2	1	3
29 St. George Southwark [Borough Road]	.	2	2
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2nd]	4	2	6
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	1	.	1
33 Camberwell [Camberwell]	.	1	1
34 Rotherhithe	.	.	.
35 Greenwich [East]	3	1	4
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	34	39	73

HOSPITALS.

Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	7	.	7
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	1	.	1
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	8	.	8
General Hospitals:—			
3 St. George [Belgrave]	11	3	14
4 Westminster [St. Margaret]	1	.	1
5 Charing Cross [Charing Cross]	4	.	4
7 Middlesex [All Souls]	.	2	2
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	5	.	5
13 King's College [St. Clement Danes]	4	.	4
18 St. Bartholomew [West London North]	8	2	10
22 London [Whitechapel Church]	.	.	.
27 Guy's [St. Olave and St. Saviour]	6	2	8
27 St. Thomas [St. Olave & St. Saviour]	1	1	2
Total	40	10	50
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	1	1	2
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	1	2
Total	2	2	4

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	1	1	2
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	2	3
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	.	.
Total	2	3	5
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	1	.	1
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	2	.	2
Total	3	.	3
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.

PRISONS.

4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.

Workhouses	34	39	73
Military and Naval Asylums	8	.	8
General Hospitals	40	10	50
Hospitals for Special Diseases	2	2	4
Lying-in Hospitals	.	.	.
Lunatic Asylums	2	3	5
Military and Naval Hospitals	3	.	3
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	.	.
Total in Public Institutions	89	54	143

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 14th June, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest, in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain, in inches, read at 9h. p.m.
JUNE.			in.	°	°	°	°	°	°		°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	8	In Equator	29·817	74·3	56·8	62·5	52·5	80·0	54·0	63·0	59·0	10·0	12·6	4·2	+ 3·5	S.W.	S.W.	5·0	0·0	2·3	190	0·00
MONDAY .	9	..	29·693	60·7	55·2	55·1	49·3	63·0	51·5	62·5	58·7	5·8	10·0	2·8	— 3·9	Calm.	S.W.	4·0	0·0	1·0	190	0·05
TUESDAY .	10	..	29·565	57·7	48·0	49·6	46·1	67·0	43·0	61·5	58·0	3·5	8·6	0·5	— 9·5	S.W. and N.	N.E.	7·0	0·0	0·8	70	0·35
WEDNESDAY	11	..	29·855	66·8	46·1	53·9	43·9	78·0	40·0	61·5	57·7	10·0	15·8	3·2	— 5·3	N.W.	S.W.	0·0	0·0	0·0	115	0·12
THURSDAY .	12	..	29·598	64·3	48·1	55·1	54·2	72·0	44·0	62·5	58·5	0·6	4·1	0·0	— 4·7	S. and S.W.	S.W.	5·0	0·0	1·7	205	0·20
FRIDAY .	13	Full.	29·697	68·3	53·4	58·9	55·5	73·0	52·0	63·0	59·3	3·4	7·8	1·0	— 3·9	W.S.W	S.W.	2·0	0·0	0·1	100	0·04
SATURDAY	14	..	29·932	68·2	49·2	56·6	49·0	..	42·0	62·5	58·5	7·6	12·8	3·6	— 2·9	Calm.	W.S.W.	0·0	0·0	0·0	100	0·01
MEANS . .		..	29·737	65·8	51·5	55·9	50·1	Six days. 72·2	47·3	62·3	58·5	5·8	10·2	2·2	— 3·8	S.W.		..	..	..	Sum 970	Sum 0·77
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .
MONDAY . .
TUESDAY . .
WEDNESDAY
THURSDAY .
FRIDAY . .
SATURDAY .

June 14d. Positive, with weak tension. This was the only day on which electricity was shown during the week.

GENERAL REMARKS.

The sky was mostly covered with cloud till 1h., from this time till 8h. P.M. the sky was free from cloud, and overcast during the remainder of the day; cirrostratus.

The sky was overcast throughout the day; cirrostratus. Rain fell frequently.

The sky was overcast throughout the day; cirrostratus. Rain fell heavily during the afternoon.

The clouds were occasionally broken during the morning, otherwise the sky was covered with cloud throughout the day; cumuli, cumulostrati, and cirrostrati.

The sky was overcast throughout the day; cirrostratus. Rain fell generally.

The sky, with slight exceptions, was covered with cloud throughout the day; cirrostratus. Rain fell during the evening.

The sky was overcast till 11h., after which time it was clear. At times, during the morning, the sun's place was just visible. Rain fell during the evening.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12. are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 62·3°; and the mean reading at 9h. P.M. was 57·3°; the mean readings at the Royal Observatory for the same times were 57·1° and 54·3° respectively.

The reading of the barometer decreased from 29·84 in. at the beginning of the week to 29·46 in. by 9h. P.M. on the 9th; increased to 29·87 in. by noon on the 11th; decreased to 29·57 in. by 9h. P.M. on the 12th; and increased to 29·97 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, June 21. [No. 25.

HEALTH OF LONDON DURING THE WEEK.

The Return for the week ending last Saturday shows that 968 deaths were registered in the Metropolitan districts. If corresponding weeks of the ten years 1841–1850 be taken for comparison, it will be seen that the average number of deaths in these weeks was 859, and that the mortality of last week has produced an excess, above the average, equal to 109.

But in an increasing population, a greater number of deaths does not necessarily imply an increased rate of mortality. The population of London is now 2,363,144. It increased at the rate of 1·551 *per cent.* annually in the ten years 1831–41; at 1·998 *per cent.* annually in the ten years 1841–51; and 1·778 *per cent.* annually in the fifty years 1801–51. If the last *per centage* (that of 50 years) be taken to represent the rate of increase during the *current* decennial period, and the average deaths of corresponding weeks be raised in the same proportion, this average will become 945, on which the 968 deaths of last week show an excess of 23.

The present Return, compared with that of the preceding week, exhibits a continued decrease in deaths arising from diseases of the respiratory organs, the number, which was in the former week 139, having fallen to 112. The two principal diseases in this class are bronchitis and pneumonia or inflammation of the lungs, which were fatal respectively in 39 and 55 cases.

The fatality of this class of diseases has now declined to near the corrected average; that of the zymotic or epidemic class is not above the average, and does not yet discover a tendency to increase with the advance of the season. The aggregate of deaths ascribed last week to epidemics is 205, and out of this number 20 of young persons and 2 of adults were caused by small-pox, 39 by measles, 19 by scarlatina, 48 by hooping-cough, 5 by croup, 2 by thrush, 35 by typhus, 7 by erysipelas, one by noma, one by purpura, 16 by diarrhœa, and one by cholera.

The following are the particulars of the last-mentioned case:—

In Lambeth, Waterloo-road sub-district (second part), at 47 Oakley-street, on 19th June, the widow of a wheelwright, aged 59 years, died of "malignant cholera (18

hours)." Mr. Daws, the Registrar, states that "the deceased, who is from the country, retired to rest perfectly well, and was attacked about 3 o'clock in the morning. About three weeks before, when in the country, and also on a previous occasion, she suffered severe bowel complaint. The medical attendant considered it an undoubted case of Asiatic cholera. The house is described as cleanly and well drained."

The births of 728 boys, and 754 girls, in all 1482 children, were registered last week. The average number in the six corresponding weeks of 1845–50, was 1287.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer was above 30 in. on Tuesday and Wednesday; and the mean of the week was 29·941. The mean daily temperature, which fluctuated between 54 and 58 degrees on the first four days, was on each of these days below the average of the same day, (as derived from 10 years,) and on Wednesday it fell 6° below the average. On the following day the mean temperature rose to 65°·2, and on this and the two subsequent days was from 5 to 8 degrees above the average of the respective days. The mean of the week was 60°·2. On Tuesday and Wednesday the wind was for the most part in the north-west. On other days it was in the west and south-west.

The following selections are made from the Registrars' Reports:—

In Bloomsbury, St. George sub-district, at 5 Southampton-mews, on 17th June, the son of an ostler, aged 2 years, died of "congestion, bronchitis, convulsions." "This (says Mr. Yardley) is the fourth death in the same family since the end of March. The first was that of a girl of 17 years from phthisis; the next that of a boy of 4 years from rubeola and phthisis; then a boy of 5 months died of hydrocephalus; and last, the child whose death is now recorded. On inquiry, there has not been found any circumstance of particularly unwholesome character connected with the stable where the family lived, except the want of ventilation. The four children, or three of them, slept with three who are still alive in a room which is entered from the front room, having no fireplace, and only a small window, a mere hole, looking into the loft. The stable has no back windows. Horses are not kept in it."

In St. Giles-in-the-fields, North sub-district, at 6 Church-lane, on 19th June, a spinster, aged 24 years, died of "phthisis (3 months)." Mr. Simpson states that "this woman had an order to be taken into St. Giles' Workhouse. She remained for twenty minutes in the passage, when she requested her friends to carry her home as she found herself dying; they did so, and she expired immediately."

In Holborn, St. Andrew East sub-district, at 3 Pheasant-court, Gray's-inn-lane, on 16th June, the daughter of a labourer, aged 12 days, died of "convulsions (2 days)." Mr. Holmes observes: "I never beheld such misery as in the house where this child died, its filthy condition was unbearable; when I went to register, the father was absent in the country, and the mother was lying on I know not what, on the floor."

BIRTHS Registered LAST WEEK, and in the TWENTY-FIFTH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1173	1329	1178	1354	1255	1430	1287	1482*
Males. . .	613	660	620	691	663	740	665	728
Females . .	560	669	558	663	592	690	622	754

DEATHS Registered LAST WEEK, and in the TWENTY-FIFTH Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		755	742	885	920	803	808	978	935	985	775	858·6	968*
Males . .		380	367	450	492	423	416	537	473	509	394	444·1	492
Females .		375	375	435	428	380	392	441	462	476	381	414·5	476
	Ages.												
Deaths at three periods of life . .	0—15	364	346	410	456	338	370	405	477	471	329	396·6	483
	15—60	262	266	284	316	297	284	379	281	344	267	298·0	310
	60 & up.	127	127	190	147	165	154	192	173	164	179	161·8	165

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

* The returns from the sub-districts of Bow and Sydenham were not received in time for insertion in the Tables. Averages derived from the returns of the previous six weeks are substituted, namely, 12 births and 9 deaths for Bow, and 2 births for Sydenham. The true numbers for the latter sub-district are now ascertained to be 2 births and 2 deaths.

BIRTHS and DEATHS registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Mar. 29.	Apr. 5.	Apr. 12.	Apr. 19.	Apr. 26.	May 3.	May 10.	May 17.	May 24.	May 31.	June 7.	June 14.	June 21.
BIRTHS	1780	1560	1536	1425	1503	1487	1572	1467	1434	1533	1446	1292	1482
DEATHS	1418	1059	1042	998	1075	994	1041	1002	1000	990	961	931	968
DEATHS (except from Violence) . . .	1289	1036	1033	977	1058	965	1012	965	990	960	938	900	925
Deaths (except from Violence) at 60 years and upwards . .	295	226	225	205	212	216	191	177	197	181	175	171	163
Scarlatina	10	6	13	8	10	13	11	9	17	10	15	24	19
Typhus	38	32	25	37	32	25	43	30	18	32	40	35	35
Diarrhœa & Dysentery	22	14	18	15	22	9	25	18	14	22	15	16	16
Cholera	1	..	..	..	..	..	..	..	..	..	..	1	1
Mean Temperature .	46°·3	43°·5	40°·3	46°·3	49°·9	42°·8	47°·4	50°·9	53°·0	55°·6	55°·2	55°·9	60°·2

NOTE ON THE CLASSIFICATION OF DISEASES.—In the WEEKLY Abstracts, *metria* was included under the head of "child-birth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect* and *cold*, under "atrophy," or "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification," till 1845. It will be observed that the sums opposite the above heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851			
	57°·9	61°·3	57°·0	60°·4	62°·8	69°·1	56°·1	60°·4	59°·2	62°·1	Mean 60°·6	60°·2—June 21.			
	June 26	June 25	June 24	June 22	June 21	June 20	June 19	June 24	June 23	June 22	Sum of 10 Weeks	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
ALL CAUSES	755	742	885	920	803	808	978	935	985	775	8586	483	310	165	968†
SPECIFIED CAUSES	750	737	880	918	801	802	978	930	974	772	8542	479	309	164	953†
1. Zymotic Diseases	117	126	179	226	130	153	204	310	277	161	1883	168	28	9	205
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	47	54	55	45	49	39	33	34	37	52	445	1	23	11	35
3. Tubercular Diseases	213	178	201	169	160	186	190	153	177	149	1776	72	111	6	189
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	106	90	99	118	126	107	121	101	121	91	1080	64	25	20	109
5. Diseases of the Heart and Blood-vessels	18	19	25	24	32	32	26	34	31	27	268	4	33	21	58
6. Diseases of the Lungs, and of the other Organs of Respiration	90	80	124	105	81	75	112	84	119	106	976	61	20	31	112
7. Diseases of the Stomach, Liver, and other Organs of Digestion	53	59	56	79	58	77	71	49	58	54	614	24	18	17	59
8. Diseases of the Kidneys, &c.	5	5	8	1	12	6	21	17	8	11	94	..	7	5	12
9. Childbirth, Diseases of the Uterus, &c.	7	14	7	8	11	9	14	5	5	8	88	..	9	..	9
10. Rheumatism, Diseases of the Bones, Joints, &c.	2	2	6	7	7	7	15	8	4	7	65	3	4	1	8
11. Diseases of the Skin, Cellular Tissue, &c.	..	1	..	..	2	..	..	2	..	1	6	1	2	..	3
12. Malformations	1	1	2	2	1	5	2	4	4	..	22	3	..	..	3
13. Premature Birth & Debility	11	20	20	15	18	21	24	26	24	24	203	30	1	..	31
14. Atrophy	4	12	10	10	14	17	25	25	23	20	160	21	1	1	23
15. Age	46	36	57	46	53	35	43	40	27	34	417	..	..	37	37
16. Sudden	7	8	14	15	15	3	12	15	16	7	112	4	1	3	8
17. Violence, Privation, Cold, and Intemperance	23	32	17	48	32	30	65	23	43	20	333	23	26	2	52†
1.—Small-pox	13	7	4	30	16	2	20	33	10	16	151	20	2	..	22
Measles	24	27	39	21	26	11	35	10	29	16	238	39	..	..	39
Scarlatina	14	24	27	78	12	17	16	107	38	19	352	19	..	..	19
Hooping Cough	30	20	54	22	31	33	27	26	55	28	326	48	..	..	48
Croup	3	4	4	10	5	5	3	3	4	6	47	5	..	..	5
Thrush	9	6	2	5	4	6	6	7	4	3	52	2	..	..	2
Diarrhœa	3	8	2	9	5	28	22	35	17	18	147	13	1	2	16
Dysentery	..	1	1	2	1	2	3	2	2	4	18	..	..	..	..
Cholera	..	1	1	1	..	1	1	..	49	..	54	..	1	..	1
Influenza	5	1	3	1	1	2	3	3	1	1	21	..	..	..	..
Purpura and Scurvy	..	..	..	..	..	2	3	..	1	..	6	1	..	..	1
Ague	..	..	..	..	..	..	2	..	1	..	3	..	..	..	..
Remittent Fever	..	..	..	..	2	1	3	2	2	2	12	1	..	..	1
Infantile Fever	*	*	*	*	*	*	*	..	..	..	..	1	..	..	1
Typhus	14	20	37	36	19	33	52	67	46	40	364	14	16	5	35
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	5	5	2	12	..	4	..	4
Rheumatic Fever	*	*	*	*	*	*	*	2	1	1	4	..	..	..	..
Erysipelas	2	7	5	8	5	5	7	6	10	4	59	1	4	2	7
Syphilis	..	..	..	3	3	5	1	2	2	..	16	3	..	..	3
Noma (or Canker)	*	*	*	*	..	..	..	..	..	1	1	1	..	..	1
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	4	3	5	7	7	3	1	7	2	4	43	1	4	1	6
Dropsy	30	35	40	20	24	13	12	14	10	18	216	..	4	5	9
Abscess	..	3	2	1	3	2	1	1	3	1	17	..	1	..	1
Ulcer	..	2	..	..	..	1	3	..	2	1	9	..	..	..	..
Fistula	..	..	..	..	..	..	..	..	1	1	2	..	..	..	..
Mortification	7	3	2	2	5	4	..	4	4	1	32	..	..	2	2
Cancer	6	8	6	14	9	14	16	5	11	23	112	..	14	3	17
Gout	..	..	..	1	1	2	..	3	4	3	14	..	..	..	..
3.—Scrofula	5	1	3	3	3	3	8	11	12	3	52	6	2	..	8
Tabes Mesenterica	4	7	6	8	10	15	22	15	11	20	118	18	..	..	18
Phthisis (or Consumption)	167	151	152	125	119	130	134	107	127	102	1314	9	109	6	124
Hydrocephalus	37	19	40	33	28	38	26	20	27	24	292	39	..	..	39

* See Note, page 195.

† The age of a person found drowned is not stated. See also Note, page 195.

in the TWENTY-FIFTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 60°·2—June 21.			
	57°·9	61°·3	57°·0	60°·4	62°·8	69°·1	56°·1	60°·4	59°·2	62°·1	Mean 60°·6				
	June 26 1841	June 25 1842	June 24 1843	June 22 1844	June 21 1845	June 20 1846	June 19 1847	June 24 1848	June 23 1849	June 22 1850	Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	15	7	14	8	10	13	15	9	9	5	105	8	1	1	10
Apoplexy	21	16	15	23	16	20	21	19	23	21	195	3	8	8	19
Paralysis	10	10	17	17	24	19	13	17	18	14	159	1	6	7	14
Delirium Tremens	4	..	..	2	4	2	5	1	4	4	26	..	1	1	2
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy	5	3	6	4	1	5	10	5	7	2	48	1	4	..	5
Tetanus	1	1	..	..	..	1	1	..	3	..	7	1	..	..	1
Insanity	1	..	2	3	3	4	2	2	3	4	24	..	..	..	..
Convulsions	38	44	39	52	51	31	39	35	44	29	402	46	..	..	46
Disease of Brain, &c.	11	9	6	9	17	12	15	13	10	12	114	4	5	3	12
5.—Pericarditis	..	1	2	1	..	..	1	2	3	1	11	..	1	2	3
Aneurism	1	..	2	1	1	1	..	..	2	..	8	..	2	1	3
Disease of Heart, &c.	17	18	21	22	31	31	25	32	26	26	249	4	30	18	52
6.—Laryngitis	..	..	..	2	..	1	3	5	1	4	16	1	1	..	2
Bronchitis	9	4	17	15	9	25	40	21	40	43	223	13	8	18	39
Pleurisy	1	..	3	1	2	2	8	3	2	2	24	..	1	..	1
Pneumonia	56	58	74	66	49	34	47	38	57	47	526	45	7	3	55
Asthma	12	6	12	7	9	4	7	2	11	8	78	..	..	6	6
Disease of Lungs, &c.	12	12	18	14	12	9	7	15	8	2	109	2	3	4	9
7.—Teething	17	18	14	14	14	5	12	7	6	8	115	16	..	..	16
Quinsey	4	..	2	1	3	..	2	1	1	..	14	2	..	..	2
Gastritis	12	18	11	.	2	2	4	2	2	1	135	..	2	..	2
Enteritis				23	10	14	8	7	12	7		1	2	..	3
Peritonitis	1	3	..	3	6	6	5	5	2	3	34	1	1	1	3
Ascites	..	1	1	1	..	3	2	1	1	1	11	..	..	4	4
Ulceration (of Intestines)	1	1	2	1	3	2	1	3	4	2	20	..	..	1	1
Hernia	..	1	3	5	2	4	1	1	2	1	20	1	..	1	2
Ileus	2	2	3	5	3	3	2	..	4	1	25	1	1	..	2
Intussusception	..	1	2	1	1	..	2	1	2	4	14	..	..	..	..
Stricture of Intestinal Canal	1	..	..	..	..	1	..	..	..	1	3	..	..	1	1
Disease of Stomach, &c.	6	1	7	4	3	12	6	7	5	5	56	..	..	4	4
Disease of Pancreas	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
Hepatitis	1	1	2	7	2	3	7	5	4	6	38	..	2	..	2
Jaundice	3	1	3	3	..	2	6	3	4	2	27	1	1	3	5
Disease of Liver	5	10	6	10	9	19	13	6	9	12	99	1	8	2	11
Disease of Spleen	..	1	..	..	..	1	..	..	..	..	2	..	1	..	1
8.—Nephritis	1	..	1	..	..	..	..	2	..	..	4	..	2	..	2
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	5	4	3	12	..	1	1	2
Ischuria	..	..	..	..	..	1	..	..	..	1	2	..	..	..	..
Diabetes	1	..	..	..	..	1	1	1	..	1	5	..	..	..	..
Stone	..	..	..	..	..	..	3	2	..	..	5	..	..	1	1
Cystitis	..	..	..	..	2	..	2	..	..	..	4	..	1	..	1
Stricture of Urethra	..	1	1	..	..	1	1	..	2	1	7	..	..	..	..
Disease of Kidneys, &c.	3	4	6	1	10	3	14	7	2	5	55	..	3	3	6
9.—Paramenia	..	..	..	..	1	..	1	..	..	..	2	..	..	..	..
Ovarian Dropsy	..	..	2	1	1	1	1	..	..	..	6	..	1	..	1
Childbirth (*see* Metria)	6	10	5	7	8	6	6	3	3	3	57	..	5	..	5
Disease of Uterus, &c.	1	4	..	..	1	2	6	2	2	5	23	..	3	..	3
10.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	1	1	1	4	2	3	7	7	1	5	32	2	1	1	4
Disease of Joints, &c.	1	1	5	3	5	4	8	1	3	2	33	1	3	..	4
11.—Carbuncle	..	..	..	..	1	..	..	1	..	..	2	..	..	..	..
Phlegmon	..	..	..	..	..	..	..	1	..	1	2	..	2	..	2
Disease of Skin, &c.	..	1	..	..	1	..	..	..	..	..	2	1	..	..	1
17.—Intemperance	1	1	1	1	..	1	2	2	..	1	10	..	2	..	2
Privation of Food	..	1	..	..	1	..	..	..	2	..	4	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	4	3	2	9	6	..	..	6
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	1	2	1	4	..	2	..	2
Burns and Scalds	*	*	*	*	*	*	*	2	3	2	7	4	1	..	5
Hanging and Suffocation	*	*	*	*	*	*	*	2	3	2	7	6	3	..	9
Drowning	*	*	*	*	*	*	*	5	7	4	16	2	5	1	9†
Fractures	*	*	*	*	*	*	*	6	16	7	29	4	5	1	10
Wounds	*	*	*	*	*	*	*	1	4	..	5	..	8	..	8
Other Violence	*	*	*	*	*	*	*	..	3	1	4	1	..	..	1
All Violence	22	30	16	47	31	29	63	17	38	17	310	17	24	2	43
Causes not specified	5	5	5	2	2	6	..	5	11	3	44	4	1	1	15†

* See Note, page 195.

† The age of a person found drowned is not stated. See also Note, page 195.

Deaths in Districts.

DEATHS Registered in the TWENTY-FIFTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			57°·9	61°·3	57°·0	60°·4	62°·8	69°·1	56°·1	60°·4	59°·2	62°·1	Mean 60°·6	60°·2
			June 26	June 25	June 24	June 22	June 21	June 20	June 19	June 24	June 23	June 22	Sum of 10 Weeks.	June 21,
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948369	2363144	755	742	885	920	803	808	978	935	985	775	8586	968
1–6. WEST DISTRICTS .	301189	376332	107	131	139	142	138	131	113	150	163	133	1347	169
7–11. NORTH DISTRICTS .	376568	490441	141	128	175	191	167	158	210	168	173	164	1675	188
12–19. CENTRAL DISTRICTS	374199	392986	154	137	190	144	144	124	181	153	161	128	1516	165
20–25. EAST DISTRICTS .	393067	485336	163	138	182	213	164	170	195	223	180	140	1768	186
26–36. SOUTH DISTRICTS .	503346	618049	190	208	199	230	190	225	279	241	308	210	2280	260
1. Kensington . . HL	74898	119990	22	24	36	34	36	41	22	35	39	32	321	57
2. Chelsea . . . *W* H	40243	56543	15	16	19	21	18	26	19	20	25	20	199	19
3. St.GeorgeHanover-sq.H	66657	73207	26	28	25	36	38	20	18	28	26	30	275	25
4. Westminster HHPP	56802	65609	26	25	33	34	24	28	29	37	31	33	300	44
5. St.Martin-in-the-Flds. H	25132	24557	4	10	15	7	10	10	10	17	18	10	111	12
6. St. James Westminster	37457	36426	14	28	11	10	12	6	15	13	24	8	141	12
7. Marylebone . . . H	138383	157679	63	56	77	89	65	57	81	47	49	54	638	66
8. Hampstead	140078	11986	*	*	*	*	*	*	4	1	3	3	11	1
9. Pancras . . *W* HH		167198	49	46	58	53	61	63	69	58	72	57	586	61
10. Islington . . . HP	55779	95154	19	15	18	30	29	26	37	33	34	32	273	33
11. Hackney . . . . H	42328	58424	10	11	22	19	12	12	19	29	15	18	167	27
12. St. Giles	54378	54062	25	24	14	18	17	16	35	23	23	16	211	21
13. Strand (wkh. in 9) . H	43667	44446	16	13	25	14	11	13	17	13	18	10	150	22
14. Holborn	44532	46571	17	18	21	22	22	14	29	17	24	19	203	23
15. Clerkenwell . . PP	56799	64705	20	21	21	19	22	23	17	28	31	24	226	26
16. St. Luke (wkh. in 20) L	49908	54058	21	18	35	19	12	16	19	24	13	17	194	20
17. East London . . . P.	39718	44407	18	13	27	14	17	14	21	16	12	15	167	19
18. West London *W* HPPP	29188	28829	21	17	19	21	24	14	31	9	25	17	198	19
19. City of Lon. (wkh. in 25)	56009	55908	16	13	28	17	19	14	12	23	15	10	167	15
20. Shoreditch . . *W* L	83564	109209	47	27	44	30	32	39	33	49	32	34	367	34
21. Bethnal Green . . L	74206	90170	24	31	29	33	24	33	43	48	27	18	310	35
22. Whitechapel . . . H	71879	79756	36	31	40	58	29	31	46	36	46	28	381	41
23. St. George-in-the-East .	41416	48375	13	13	21	22	14	18	16	35	18	7	177	24
24. Stepney . . . . H	90831	110669	25	27	41	53	39	32	48	44	47	37	393	38
25. Poplar . . . *W* L	31171	47157	18	9	7	17	26	17	9	11	10	16	140	14
26. St. Saviour . . H H	33027	35729	12	10	20	13	12	9	13	20	28	17	154	26
27. St. Olave . . . H H	19869	20871	19	25	22	18	11	33	42	13	22	14	219	8
28. Bermondsey	35002	48128	17	23	20	29	17	12	20	19	22	20	199	28
29. St. Geo. Southwk. LPP	46718	51825	18	21	28	20	15	12	24	24	16	17	195	20
30. Newington . . . P	54693	64805	22	26	14	25	22	27	21	34	26	27	244	25
31. Lambeth	116072	139240	45	50	38	52	34	49	44	37	61	38	448	45
32. Wandsworth . . . L	39918	50770	*	*	*	11	23	13	23	20	13	24	127	29
33. Camberwell . . LL	39931	54668	15	21	16	21	12	16	23	21	36	12	193	29
34. Rotherhithe	13940	17778	4	6	6	6	9	7	11	6	13	5	73	10
35. Greenwich . HHHP	81125	99404	38	26	35	35	35	47	48	37	58	27	386	29
36. Lewisham . . . *W*	23051	34831	*	*	*	*	*	*	10	10	13	9	42	11

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 8586; which, divided by 10, gives 859 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 859 divided by 10 is about 86, which added to 859, makes the corrected average 945. The corrected average for small-pox, or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 151 in 10 weeks; the average was 15; the corrected average 17. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831–41; 1·998 *per cent* annually in the ten years, 1841–51; and 1·778 *per cent* annually in the fifty years, 1801-51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5{\cdot}5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M	F.	T.
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	2	1	3
2 Chelsea [North West]	1	.	1
2 *St. George Hanover Square [Chelsea N.W.]*	.	.	.
3 St. George Hanover Square [May Fair]	1	.	1
4 Westminster [St. Margaret]	1	3	4
5 St. Martin-in-the-Fields [Charing Cross]	1	2	3
6 St. James Westminster [Golden Square]	.	2	2
7 Marylebone [Rectory]	7	2	9
9 *Strand [Tottenham Court]*	3	5	8
9 Pancras [Camden Town]	3	2	5
10 Islington [West]	.	.	.
11 Hackney [Hackney]	.	1	1
12 St. Giles [South]	8	.	8
14 Holborn [St. Andrew East]	3	1	4
15 Clerkenwell [St. James]	1	1	2
17 East London [St. Botolph]	1	.	1
18 *East London [West London North]*	1	.	1
18 West London [North]	.	.	.
20 Shoreditch [Haggerstone West]	1	2	3
20 *St. Luke [Hoxton New Town]*	1	.	1
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	1	.	1
22 Whitechapel [North]	1	1	2
23 St. George-in-the-East [St. John]	3	.	3
24 Stepney [Shadwell]	1	.	1
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	2	.	2
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	.	.	.
25 Poplar [Poplar]	.	.	.
26 St. Saviour [Christchurch]	1	5	6
27 St. Olave [St. John Horselydown]	1	.	1
28 Bermondsey [St. Mary Magdalen]	1	.	1
29 St. George Southwark [Borough Road]	3	.	3
30 Newington [St. Peter Walworth]	1	3	4
31 Lambeth [Lambeth Church 2nd]	1	4	5
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	1	1
32 Wandsworth [Battersea]	2	1	3
33 Camberwell [Camberwell]	.	.	.
34 Rotherhithe	.	1	1
35 Greenwich [East]	.	.	.
36 Lewisham [Village]	1	.	1
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	54	38	92

HOSPITALS.

	M	F.	T.
Military and Naval Asylums :—			
35 Royal Hospital Greenwich [East] Pensioners	4	.	4
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	2	.	2
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	6	.	6
General Hospitals :—			
3 St. George [Belgrave]	3	1	4
4 Westminster [St. Margaret]	1	3	4
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	3	1	4
9 University College [Tottenham Court]	1	.	1
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	2	1	3
18 St. Bartholomew [West London North]	5	3	8
22 London [Whitechapel Church]	.	.	.
27 Guy's [St. Olave and St. Saviour]	2	2	4
27 St. Thomas [St. Olave & St. Saviour]	1	1	2
Total	18	12	30
Hospitals for Special Diseases :—			
10 Small Pox [Islington West]	1	.	1
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	.	1
Total	2	.	2

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals :—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	1	1
32 New County [Wandsworth]	1	1	2
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	.	.
Total	1	2	3
Military and Naval Hospitals :—			
4 Grenadier Guards Hospital [St. John, Westm.]	2	.	2
4 Coldstream Guards Hospital [ditto]	1	.	1
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	2	.	2
Total	5	.	5
Hospitals and Asylums for Foreigners :—			
11 German Hospital [Hackney]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.

PRISONS.

	M.	F.	T.
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	3	.	3
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	3	.	3

	M.	F.	T.
Workhouses	54	38	92
Military and Naval Asylums	6	.	6
General Hospitals	18	12	30
Hospitals for Special Diseases	2	.	2
Lying-in Hospitals	.	.	.
Lunatic Asylums	1	2	3
Military and Naval Hospitals	5	.	5
Hospitals and Asylums for Foreigners	.	.	.
Prisons	3	.	3
Total in Public Institutions	89	52	141

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 21st June, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
June.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday	15	Greatest Dec. S.	29·852	63·6	46·3	54·5	49·1	67·0	40·0	62·7	59·0	5·4	7·2	1·0	— 5·2	Calm.	S.W.	5·0	0·0	0·8	235	0·17
Monday	16	..	29·824	69·9	52·5	58·5	49·0	73·0	48·0	62·3	58·5	9·5	14·4	3·6	— 1·3	S.W.	W.	6·0	0·0	2·3	230	0·24
Tuesday	17	..	30·142	67·1	47·2	56·1	43·6	77·0	37·8	62·5	58·5	12·5	15·8	4·4	— 3·7	W. and N.W.	N.W.	3·5	0·0	1·0	150	0·00
Wednesday	18	..	30·175	65·1	42·7	54·0	48·6	75·2	34·8	62·0	58·3	5·4	12·1	0·4	— 6·0	N.W.	W.	3·5	0·0	0·2	150	0·02
Thursday	19	..	29·992	76·8	55·5	65·2	56·9	87·0	48·0	62·5	58·5	8·3	13·4	3·7	+ 5·0	W.	W.	4·0	0·0	1·1	170	0·00
Friday	20	Apogee.	29·957	78·1	53·2	64·9	57·1	94·0	47·0	63·5	59·5	7·8	12·6	1·2	+ 4·6	S.W.	Calm.	0·0	0·0	0·0	35	0·00
Saturday	21	Last Qu.	29·644	82·7	52·5	68·4	58·7	97·0	49·0	65·5	60·5	9·7	18·9	0·5	+ 8·0	Calm.	S.&S.W.	3·5	0·0	0·3	135	0·00
Means		..	29·941	71·9	50·0	60·2	51·9	81·4	43·5	63·0	59·0	8·4	13·5	2·1	+ 0·2	W. & S.W.		..	..	..	Sum 1105	Sum 0·43
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

Electricity.

Sunday	No electricity was shown throughout the week.
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	

General Remarks.

The sky was overcast throughout the day. Rain was falling from 4h. P.M.

Rain fell during the early morning hours. The sky was partially covered with cloud till after 3h., when it became free from cloud.

Till at about 9h. P.M. the sky was mostly covered with cumulostratus and cirrostratus cloud; after 9h. it was clear.

Till after 9h. A.M. the sky was partially clear; from noon the sky was overcast; a little rain fell, and the day was dull.

The sky was mostly overcast till the evening, when it became clear; cumuli, and cumulostrati.

The sky was for the most part covered with cumuli, cumulostrati, and afterwards with cirrostratus.

The sky was for the most part free from cloud; at times, however, it was partially covered with light fleecy clouds; and at night it was at times wholly covered by thin cirrostratus.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12. are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. A.M. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 64·1°; and the mean reading at 9h. P.M. was 62·3°; the mean readings at the Royal Observatory for the same times were 65·6° and 59·8° respectively.

The reading of the barometer decreased from 29·97 in. at the beginning of the week to 29·77 in. by 9h. A.M. on the 16th; increased to 30·24 in. by 9h. A.M. on the 18th; and decreased to 29·57 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, June 28. [No. 26

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday the deaths registered in the Metropolitan districts amounted to 1032. In the ten corresponding weeks of the years 1841–50 the average number was 924; if, for the sake of better comparison, this average be raised in the ratio of increase of population (which during the last 50 years was 1·778 per cent. annually), it will become 1016, an amount which differs not materially from the number now returned.

It will be observed that there is an increase of more than 60 on the week immediately preceding, when the deaths were 968. But this excess is not the effect of increased mortality; it is due to cases where coroners have held inquests, in many of which, though they occurred at earlier dates, the registration had not been completed till the end of the quarter. *Sudden deaths*, under which designation in the Table are classed cases in which persons have been found dead, or have died suddenly, and the fatal disease has not been ascertained—these, which in the previous return were only 8, have risen last week to 29. But the great majority of inquests is on deaths from violence, privation, intemperance, &c., and in this class the number has been in each of the last two returns above the average, in the former week amounting to 52, in the latter to 85. In the present list the deaths of two persons are ascribed to privation, of 2 to intemperance, 2 to want of breast milk or inanition, 3 to poison, 7 to burns and scalds, 4 to hanging or suffocation, 18 to drowning, 41 to fractures and contusions (chiefly from carriages and falls), and 6 to wounds and other injury.

The present Return shows that the mortality from diseases of the organs of respiration continues to exceed the usual amount at this period; the deaths in this class were 124, while the corrected average is 98. Phthisis was fatal to 145 persons, which differs little from the estimated number.

The fatal cases included in the zymotic or epidemic class have risen from 205 in the preceding week to 218 in the last. Small-pox carried off 21 children, and 3 persons above 15 years; measles was fatal to 41 children, scarlatina to 14, hooping-cough to 46, croup to 5, thrush to 4, diarrhœa to 16 children and 3 adults, typhus to 38 persons. But this class is not in the aggregate above the average, though measles and hooping-cough are apparently rather prevalent.

It was mentioned above that two persons died of privation. The following are the particulars of the cases:—

At the Workhouse, Whitechapel, on 21st June, a labourer, aged 60 years, died of "starvation." He was brought by the police from Angel-alley.

At the London Hospital, on 21st June, a labourer, aged 42 years, died a "sudden death accelerated by want." An inquest was held in this case.

The following are the particulars of a case of cholera which was registered last week:—

At 54 Hill-street, Walworth, on 20th of June, a carpenter, aged 60 years, died of "cholera (14 days), chronic disease of the stomach (2 years)." Certified by medical attendant.

The births of 716 boys, and 723 girls, in all 1439 children, were registered last week. The average number in six corresponding weeks of 1845-50 was 1423.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer was above 30 in. on every day after Sunday; and the mean of the week was 30·032 in. The mean daily temperature was below the averages of corresponding days as derived from the observations of 10 years, on Sunday, Monday, and Tuesday; and on the four remaining days was successively 2°·7, 6°·6, 9°·7, and 6° above the respective averages. The mean temperature of the week was 62°·3. The wind was for the most part in the north-west on the first three days; it then changed to south-west, but was frequently calm during the rest of the week.

The following selections are made from the Registrars' Reports:—

In St. Giles-in-the-Fields, north sub-district, at 60 Dudley-street, on 18th June, the son of a coach-spring-maker, aged 3 years, died of "infantile fever." Mr. Simpson mentions that "the house is over-crowded, close and badly ventilated, having no window on the staircase, which is perfectly dark. The lodgers complain of a sickening effluvium from the drains. The deceased child was perfectly well, till removed to the house, but was taken ill three days afterwards; and the medical man who attended, told the mother that he should not be surprised if all the inmates were attacked in a similar way. The habitations in this street are densely populated; and the poor sleep in damp cellars, which the parochial authorities should take means to prevent."

In Bethnal-green, sub-district of Hackney-road, at 3 Mead-street, on 14th June, the daughter of a bricklayer, aged 8 years, died of "natural small-pox (5 weeks) dropsy (3 weeks)." The street (says Mr. Murray) is close and crowded, and drainage defective.

In St. Martin-in-the-Fields, sub-district of Long Acre, at 22 Cecil-court, on 23rd June, the son of a painter's labourer, aged 5 years, died of "small-pox (9 days), not vaccinated." Mr. Cobbett states that "this is the second death that has occurred in the same family within four days. Of seven children five have had small-pox, and the mother is now recovering. The house is numerously inhabited; it is airy at the back part. The infection extends to two other houses in the same court.

Norwood. Mr. Child, the Registrar, calls attention to several nuisances in this sub-district:—

1st. A large open ditch or sewer, close to which the convent and the Lambeth Norwood workhouse, containing about 600 persons, are situated. The whole of the soil in the cess-pools of these two establishments empties itself into the sewer, which causes such a stench that the inhabitants fear some serious consequences will arise if not seen to immediately. Flushing the ditch is of no use: it must be covered, for there are four or five side ditches, into which also refuse is poured.

2nd. There are 4 or 5 privies in the middle of about 30 cottages, running constantly into an open ditch, situated in Soapsud-square, in Knight-hill-road.

3rd. Several pigs are kept within a few feet of the road, from which a stench arises so great that people can hardly pass the place.

4th A cowkeeper in Thurlow-place has a heap of cow manure at the rear of her premises. The manure is above the roof of the building, and is injurious to the health of the neighbours.

5th. Several persons keep pigs close to the back doors of their dwellings, and in confined localities.

In the week ending last Saturday, the Causes of Death were—

Certified by written statements of qualifi practioners in	863	cases.
Not certified (or only reported orally by medical attendants and informants) in	27	,,
Not certified (because patients had not been attended medically) in	9	,,
Returned by Coroners (including causes not ascertained, or not reported by juries) in	133	,,
Total	1032	

It appears from the above that the cases in which the fatal disease is described by members of the medical profession, or which became the subject of investigation before the coroner, form 96 per cent. of the total number.

BIRTHS Registered LAST WEEK, and in the TWENTY-SIXTH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL	1281	1353	1355	1552	1551	1447	1423	1439
Males.	660	654	676	783	801	748	720	716
Females	621	699	679	769	750	699	703	723

DEATHS Registered LAST WEEK, and in the TWENTY-SIXTH Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL		751	753	848	964	830	890	921	1100	1217	965	923·9	1032
Males		383	407	411	513	421	464	471	548	680	536	483·4	519
Females		368	346	437	451	409	426	450	552	537	429	440·5	513
Deaths at three periods of life	Ages.												
	0—15	348	376	383	468	383	411	402	527	477	369	414·4	496
	15—60	255	247	279	325	301	310	326	387	516	374	332·0	352
	60 & up.	146	128	185	170	145	168	185	182	222	212	174·3	182

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Apr. 5.	Apr. 12.	Apr. 19.	Apr. 26.	May 3.	May 10.	May 17.	May 24.	May 31.	June 7.	June 14.	June 21.	June 28.
BIRTHS	1560	1536	1425	1503	1487	1572	1467	1434	1533	1446	1292	1482	1439
DEATHS	1059	1042	998	1075	994	1041	1002	1000	990	961	931	968	1032
DEATHS (except from Violence)	1036	1033	977	1058	965	1012	965	990	960	938	900	925	953
Deaths (except from Violence) at 60 years and upwards	226	225	205	212	216	191	177	197	181	175	171	163	174
Scarlatina	6	13	8	10	13	11	9	17	10	15	24	19	14
Typhus	32	25	37	32	25	43	30	18	32	40	35	35	33
Diarrhœa & Dysentery	14	18	15	22	9	25	18	14	22	15	16	16	21
Cholera	..	..	..	..	..	..	..	..	..	..	1	1	1
Mean Temperature	43°·5	40°·3	46°·3	49°·9	42°·8	47°·4	50°·9	53°·0	55°·6	55°·2	55°·9	60°·2	62°·3

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851			
	59°·2	61°·0	56°·9	61°·5	59°·1	61°·8	57°·6	57°·4	60°·2	64°·2	Mean 59°·8	62°·3—June 28.			
	July 3 1841	July 2 1842	July 1 1843	June 29 1844	June 28 1845	June 27 1846	June 26 1847	July 1 1848	June 30 1849	June 29 1850	Sum of 10 Weeks	0	15	60	All Ages.
ALL CAUSES	751	753	848	964	830	890	921	1100	1217	965	9239	496	352	182	1032†
SPECIFIED CAUSES	746	744	836	960	829	887	911	1096	1214	953	9176	495	352	182	1031†
1. Zymotic Diseases	121	111	170	208	144	150	202	347	349	158	1960	181	23	14	218
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	54	56	52	51	37	41	43	53	59	34	480	6	32	12	50
3. Tubercular Diseases	173	179	182	191	189	186	187	171	190	172	1820	62	119	8	189
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	102	104	112	125	99	125	102	125	145	128	1167	68	29	30	127
5. Diseases of the Heart and Blood-vessels	17	22	22	30	23	28	32	27	37	46	284	..	20	10	30
6. Diseases of the Lungs, and of the other Organs of Respiration	91	69	91	74	89	85	114	76	105	91	885	60	34	30	124
7. Diseases of the Stomach, Liver, and other Organs of Digestion	56	51	61	76	67	72	61	70	70	59	643	20	20	14	54
8. Diseases of the Kidneys, &c.	..	7	10	13	8	7	15	7	5	12	84	2	6	5	13
9. Childbirth, Diseases of the Uterus, &c.	6	5	6	9	14	14	15	12	11	10	102	..	7	1	8
10. Rheumatism, Diseases of the Bones, Joints, &c.	4	12	5	6	6	10	13	1	11	10	78	5	6	1	12
11. Diseases of the Skin, Cellular Tissue, &c.	..	1	2	..	..	3	1	2	3	3	15	1	..	..	1
12. Malformations	2	..	1	1	..	3	2	6	1	3	19	..	..	..	..
13. Premature Birth & Debility	19	20	15	22	19	32	18	22	36	20	223	26	1	..	27
14. Atrophy	7	13	10	13	10	25	23	19	16	23	159	23	1	1	25
15. Age	49	44	54	49	45	30	38	34	37	32	412	..	..	39	39
16. Sudden	13	24	15	23	22	17	10	32	46	37	239	11	11	7	29
17. Violence, Privation, Cold, and Intemperance	32	26	28	69	57	59	35	92	93	115	606	30	43	10	85†
1.—Small-pox	22	9	4	51	12	6	26	37	3	10	180	21	3	..	24
Measles	13	25	23	19	34	14	42	23	28	17	238	41	..	..	41
Scarlatina	16	18	32	60	15	14	11	88	34	14	302	14	..	..	14
Hooping Cough	36	21	52	13	27	23	18	37	53	19	299	46	..	..	46
Croup	9	7	5	5	5	4	5	1	10	8	59	5	..	..	5
Thrush	1	2	6	4	4	7	2	2	1	4	33	4	..	..	4
Diarrhœa	2	7	6	10	13	35	21	42	30	33	199	16	..	3	19
Dysentery	1	1	..	4	..	2	2	6	3	1	20	1	..	1	2
Cholera	..	2	1	1	..	3	..	3	124	2	136	..	..	1	1
Influenza	..	2	3	..	1	2	1	2	1	1	13	..	..	1	1
Purpura and Scurvy	..	1	..	..	..	..	2	3	1	1	8	2	..	..	2
Ague	..	1	..	..	..	..	..	2	1	..	4	..	1	..	1
Remittent Fever	..	..	..	..	..	1	..	6	1	..	8	4	..	..	4
Infantile Fever	*	*	*	*	*	*	*	2	..	1	3	2	..	..	2
Typhus	19	15	35	39	29	30	58	73	45	34	377	19	13	6	38
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	5	2	4	11	..	5	..	5
Rheumatic Fever	*	*	*	*	*	*	*	2	2	1	5	1	..	..	1
Erysipelas	1	..	2	1	4	7	9	10	6	6	46	2	1	2	5
Syphilis	1	..	1	..	..	2	5	1	4	2	16	3	..	..	3
Noma (or Canker)	*	*	*	*	..	..	..	2	..	..	2	..	..	..	..
Hydrophobia	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
2.—Hæmorrhage	2	3	2	4	4	9	4	11	5	5	49	2	3	..	5
Dropsy	34	31	33	32	18	13	14	15	33	15	238	2	10	3	15
Abscess	2	5	1	1	..	3	1	1	..	..	14	..	..	..	..
Ulcer	1	..	..	..	..	3	1	..	2	..	7	..	1	..	1
Fistula	1	..	..	..	..	..	..	1	2	..	4	..	2	..	2
Mortification	1	2	3	3	2	2	3	1	1	2	20	2	2	3	7
Cancer	11	14	13	11	12	9	20	24	13	11	138	..	12	6	18
Gout	2	1	..	..	1	2	..	..	3	1	10	..	2	..	2
3.—Scrofula	2	3	2	2	10	6	7	5	8	6	51	4	2	..	6
Tabes Mesenterica	4	10	6	8	10	16	12	13	10	8	97	14	..	..	14
Phthisis (or Consumption)	138	142	140	146	132	139	134	129	133	132	1365	21	116	8	145
Hydrocephalus	29	24	34	35	37	25	34	24	39	26	307	23	1	..	24

* See Note, page 203.

† The ages of two persons *drowned*, are not stated.

in the TWENTY-SIXTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 62°·3—June 28.			
	59°·2	61°·0	56°·9	61°·5	59°·1	61°·8	57°·6	57°·4	60°·2	64°·2	Mean 59°·8				
	July 3	July 2	July 1	June 29	June 28	June 27	June 26	July 1	June 30	June 29	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
4.—Cephalitis	13	12	15	14	7	10	9	14	10	16	120	7	4	..	11
Apoplexy	12	10	12	24	17	26	23	20	42	28	214	2	7	10	19
Paralysis	15	10	20	13	10	23	15	22	18	20	166	1	3	12	16
Delirium Tremens	5	1	5	1	1	3	3	2	2	2	25	..	1	..	1
Chorea	..	..	..	..	..	..	1	..	..	..	1	..	1	1	2
Epilepsy	2	..	6	4	7	4	4	8	6	7	48	3	6	3	12
Tetanus	..	1	..	3	..	..	..	1	..	..	5	..	..	..	..
Insanity	1	..	..	3	4	..	3	1	2	2	16	..	2	3	5
Convulsions	47	62	47	53	41	44	37	38	46	39	454	47	1	..	48
Disease of Brain, &c.	7	8	7	10	12	15	7	19	19	14	118	8	4	1	13
5.—Pericarditis	1	3	2	2	1	..	2	2	2	..	15	..	1	..	1
Aneurism	2	..	..	1	..	..	..	5	3	5	16	..	1	..	1
Disease of Heart, &c.	14	19	20	27	22	28	30	20	32	41	253	..	18	10	28
6.—Laryngitis	..	..	1	1	..	..	1	2	2	1	8	3	3	1	7
Bronchitis	8	8	10	14	12	27	33	21	46	39	218	18	11	16	45
Pleurisy	2	2	2	2	..	3	2	5	4	..	22	..	3	..	3
Pneumonia	61	36	50	42	58	37	53	26	39	35	437	37	10	9	56
Asthma	7	8	15	4	10	6	15	11	5	10	91	..	2	4	6
Disease of Lungs, &c.	13	15	13	11	9	12	10	11	9	6	109	2	5	..	7
7.—Teething	12	12	15	24	12	11	8	8	8	6	116	5	..	..	5
Quinsey	..	4	2	1	1	2	2	1	..	..	13	..	..	..	..
Gastritis	20	16	13	..	2	1	..	1	5	2	141	1	1	1	3
Enteritis				19	18	15	9	9	3	8		4	..	1	5
Peritonitis	..	..	1	..	4	5	4	4	9	6	33	2	3	1	6
Ascites	1	1	1	1	..	2	3	1	1	1	12	..	2	1	3
Ulceration (of Intestines)	1	2	2	..	1	3	2	5	..	3	19	..	1	..	1
Hernia	..	..	3	1	3	1	6	6	6	5	31	1	..	..	1
Ileus	1	3	1	5	3	4	2	2	4	3	28	1	1	4	6
Intussusception	..	..	..	1	2	2	1	1	1	2	10	..	..	..	..
Stricture of Intestinal Canal	1	..	..	..	..	..	1	..	2	2	6	..	..	..	..
Disease of Stomach, &c.	8	..	7	11	7	8	6	8	3	5	63	1	1	..	2
Disease of Pancreas	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
Hepatitis	..	1	3	..	1	8	4	7	2	7	33	..	4	2	6
Jaundice	2	3	4	5	2	..	4	3	5	4	32	3	1	2	6
Disease of Liver	10	8	9	8	11	9	9	14	21	5	104	2	6	2	10
Disease of Spleen	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
8.—Nephritis	..	..	..	..	..	..	..	..	..	1	1	1	..	1	2
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	..	1	5	6	..	2	1	3
Ischuria	..	..	..	..	..	..	1	..	..	1	2	..	..	..	..
Diabetes	..	..	..	..	..	1	1	1	1	..	4	..	..	..	..
Stone	..	2	1	..	2	2	..	..	1	..	8	..	..	2	2
Cystitis	..	..	..	..	..	..	..	1	2	1	4	..	..	..	..
Stricture of Urethra	..	3	..	4	..	..	1	2	..	..	10	..	..	..	..
Disease of Kidneys, &c.	..	2	9	9	6	4	12	3	..	4	49	1	4	1	6
9.—Paramenia	..	..	..	..	..	2	1	..	..	..	3	..	1	..	1
Ovarian Dropsy	..	..	1	..	..	1	2	..	2	1	7	..	..	..	..
Childbirth (*see* Metria)	3	5	4	5	6	7	7	5	5	6	53	..	4	..	4
Disease of Uterus, &c.	3	..	1	4	8	4	5	7	4	3	39	..	2	1	3
10.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	2	5	1	4	2	4	6	1	8	7	40	1	5	..	6
Disease of Joints, &c.	2	7	4	2	4	6	7	..	3	3	38	4	1	1	6
11.—Carbuncle	..	1	..	..	..	..	..	2	1	1	5	..	..	..	..
Phlegmon	..	..	..	..	..	2	..	..	2	1	5	..	..	..	..
Disease of Skin, &c.	..	..	2	..	..	1	1	..	..	1	5	1	..	..	1
17.—Intemperance	1	1	..	2	4	1	2	3	2	5	21	..	1	1	2
Privation of Food	1	..	1	1	1	2	5	..	2	2	15	..	1	1	2
Want of Breast-milk	*	*	*	*	*	*	*	7	3	2	12	2	..	..	2
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	12	6	8	26	..	3	..	3
Burns and Scalds	*	*	*	*	*	*	*	8	10	15	33	6	1	..	7
Hanging and Suffocation	*	*	*	*	*	*	*	7	11	19	37	3	..	1	4
Drowning	*	*	*	*	*	*	*	19	13	19	51	6	9	1	18†
Fractures	*	*	*	*	*	*	*	29	41	38	108	13	23	5	41
Wounds	*	*	*	*	*	*	*	3	4	3	10	..	5	..	5
Other Violence	*	*	*	*	*	*	*	4	1	4	9	..	..	1	1
All Violence	30	25	27	66	52	56	28	82	86	106	558	28	41	8	79
Causes not specified	5	9	12	4	1	3	10	4	3	12	63	1	..	..	1

* See Note, page 203.

† The ages of two persons *drowned*, are not stated.

DEATHS Registered in the TWENTY-SIXTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			59°·2	61°·0	56°·9	61°·5	59°·1	61°·8	57°·6	57°·4	60°·2	64°·2	Mean 59°·8	62°·3
			July 3	July 2	July 1	June 29	June 28	June 27	June 26	July 1	June 30	June 29		June 28,
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Sum of 10 Weeks.	1851
LONDON	1948369	2361640	751	753	848	964	830	890	921	1100	1217	965	9239	1032
1–6. WEST DISTRICTS .	301189	376332	128	140	133	160	125	137	121	165	190	165	1464	152
7–11. NORTH DISTRICTS .	376568	490441	147	139	173	198	138	171	225	215	205	200	1811	201
12–19. CENTRAL DISTRICTS	374199	392986	152	148	159	150	155	166	161	188	246	164	1689	169
20–25. EAST DISTRICTS .	393067	485336	148	153	184	212	204	178	184	248	251	201	1963	244
26–36. SOUTH DISTRICTS .	503346	616545	176	173	199	244	208	238	230	284	325	235	2312	266
1. Kensington . . HL	74898	119990	37	36	23	32	23	32	18	33	42	31	307	33
2. Chelsea . . . *W*H	40243	56543	17	23	21	20	15	28	19	19	26	33	221	20
3. St.GeorgeHanover-sq.H	66657	73207	22	26	30	57	38	32	27	40	33	35	340	28
4. Westminster HHPP	56802	65609	24	28	26	33	30	26	27	41	50	33	318	29
5. St.Martin-in-the-Flds. H	25132	24557	15	12	15	8	7	6	10	12	22	23	130	29
6. St. James Westminster	37457	36426	13	15	18	10	12	13	20	20	17	10	148	13
7. Marylebone . . . H	138383	157679	51	57	72	72	46	62	76	90	59	72	657	72
8. Hampstead	140078	11986	*	*	*	*	*	*	3	..	8	3	14	4
9. Pancras . . *W*HH		167198	74	49	57	72	59	48	96	73	87	65	680	69
10. Islington . . . HP	55779	95154	7	19	28	35	21	38	36	34	32	43	293	37
11. Hackney . . . . H	42328	58424	15	14	16	19	12	23	14	18	19	17	167	19
12. St. Giles	54378	54062	20	29	22	15	21	16	20	20	30	32	225	36
13. Strand (wkh. in 9) . H	43667	44446	13	19	22	15	19	26	12	20	24	18	188	22
14. Holborn	44532	46571	17	16	14	15	20	22	24	20	18	16	182	16
15. Clerkenwell . . PP	56799	64705	17	17	23	28	22	19	20	27	31	18	222	17
16. St. Luke (wkh. in 20) L	49908	54058	24	25	17	23	22	25	19	20	21	20	216	24
17. East London . . . P.	39718	44407	19	8	22	17	16	22	23	23	25	20	195	18
18. West London *W*HPPP	29188	28829	18	23	13	15	13	22	19	34	55	20	232	21
19. City of Lon. (wkh. in 25)	56009	55908	24	11	26	22	22	14	24	24	42	20	229	15
20. Shoreditch . . *W*L	83564	109209	42	32	55	41	43	38	42	51	41	38	423	46
21. Bethnal Green . . L	74206	90170	19	29	25	48	14	25	26	33	43	26	288	28
22. Whitechapel . . . H	71879	79756	32	31	31	50	43	38	48	67	59	42	441	69
23. St. George-in-the-East .	41416	48375	14	16	24	18	24	19	20	24	23	18	200	24
24. Stepney . . . . H	90831	110669	29	26	32	47	59	46	34	55	60	52	440	52
25. Poplar . . . *W*L	31171	47157	12	19	17	8	21	12	14	18	25	25	171	25
26. St. Saviour . . H H	33027	35729	21	15	16	20	16	19	13	26	24	17	187	26
27. St. Olave . . . H H	19869	19367	6	14	17	24	22	8	24	18	17	12	162	28
28. Bermondsey	35002	48128	10	12	10	25	13	16	24	16	23	13	162	25
29. St. Geo. Southwk. LPP	46718	51825	17	18	23	25	17	19	20	31	29	26	225	16
30. Newington . . . P	54693	64805	20	23	17	19	18	15	27	39	42	29	249	18
31. Lambeth	116072	139240	44	41	45	43	50	52	44	45	69	50	483	48
32. Wandsworth . . . L	39918	50770	*	*	*	24	16	23	9	15	23	11	121	24
33. Camberwell . . LL	39931	54668	15	14	25	11	17	26	14	28	21	31	202	26
34. Rotherhithe	13940	17778	2	9	8	9	6	6	6	13	8	5	72	6
35. Greenwich . HHHP	81125	99404	41	27	38	44	33	54	41	43	56	28	405	40
36. Lewisham . . . *W*	23051	34831	*	*	*	*	*	*	8	10	13	13	44	9

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 9239; which, divided by 10, gives 924 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 924 divided by 10 is about 92, which added to 924, makes the corrected average 1016. The corrected average for small-pox, or other diseases except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 180 in 10 weeks; the average was 18; the corrected average 20. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831–41; 1·998 *per cent.* annually in the ten years, 1841–51; and 1·778 *per cent.* annually in the fifty years, 1801-51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5{\cdot}5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M	F.	T.
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	1	1
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	.	1	1
2 *St. George Hanover Square [Chelsea N.W.]*	.	.	.
3 St. George Hanover Square [May Fair]	1	1	2
4 Westminster [St. Margaret]	1	.	1
5 St. Martin-in-the-Fields [Charing Cross]	2	1	3
6 St. James Westminster [Golden Square]	1	3	4
7 Marylebone [Rectory]	4	5	9
9 *Strand [Tottenham Court]*	2	4	6
9 Pancras [Camden Town]	2	1	3
10 Islington [West]	.	.	.
11 Hackney [Hackney]	1	.	1
12 St. Giles [South]	5	2	7
14 Holborn [St. Andrew East]	.	.	.
15 Clerkenwell [St. James]	.	.	.
17 East London [St. Botolph]	.	3	3
18 *East London [West London North]*	2	.	2
18 West London [North]	3	.	3
20 Shoreditch [Haggerstone West]	4	1	5
20 *St. Luke [Hoxton New Town]*	.	.	.
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	1	1
22 Whitechapel [North]	6	2	8
23 St. George-in-the-East [St. John]	3	2	5
24 Stepney [Shadwell]	1	2	3
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	.	1	1
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	2	3	5
25 Poplar [Poplar]	.	2	2
26 St. Saviour [Christchurch]	1	1	2
27 St. Olave [St. John Horselydown]	.	1	1
28 Bermondsey [St. Mary Magdalen]	.	3	3
29 St. George Southwark [Borough Road]	2	1	3
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2nd]	3	2	5
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	1	1	2
33 Camberwell [Camberwell]	1	.	1
34 Rotherhithe	.	.	.
35 Greenwich [East]	.	.	.
36 Lewisham [Village]	.	1	1
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	48	46	94

HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	3	.	3
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	1	.	1
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	4	.	4
General Hospitals:—			
3 St. George [Belgrave]	4	1	5
4 Westminster [St. Margaret]	2	.	2
5 Charing Cross [Charing Cross]	4	4	8
7 Middlesex [All Souls]	3	2	5
9 University College [Tottenham Court]	6	3	9
9 Royal Free Hospital [Gray's-inn lane]	.	.	.
13 King's College [St. Clement Danes]	1	.	1
18 St. Bartholomew [West London North]	4	1	5
22 London [Whitechapel Church]	17	5	22
27 Guy's [St. Olave and St. Saviour]	5	3	8
27 St. Thomas [St. Olave & St. Saviour]	1	1	2
Total	47	20	67
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	.	3	3
10 Fever [Islington West]	1	3	4
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	.	.
Total	1	6	7

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women.	.	.	.
7 Queen Charlotte's [St. Mary] Children.	.	.	.
12 British [South, St. Giles]. Women.	.	.	.
12 British [South, St. Giles]. Children.	.	.	.
16 City of London [City Road] Women.	.	.	.
16 City of London [City Road] Children.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Women.	.	.	.
31 Hospital, York Road [Waterloo 2nd part]. Children.	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	2	.	2
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	2	4	6
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	2	3	5
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	.	.
Total	6	7	13
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	1	.	1
4 Scots Fusilier Guards Hospital [ditto]	1	.	1
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	3	.	3
Total	5	.	5
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.

PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.

Workhouses	48	46	94
Military and Naval Asylums	4	.	4
General Hospitals	47	20	67
Hospitals for Special Diseases	1	6	7
Lying-in Hospitals	.	.	.
Lunatic Asylums	6	7	13
Military and Naval Hospitals	5	.	5
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	.	.
Total in Public Institutions	111	79	190

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 28th June, 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
June.			in.	°	°	°	°	°	°		°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday .	22	In Equator	29·778	68·3	53·3	56·2	47·5	..	49·8	65·5	60·5	8·7	14·2	7·6	— 4·3	S.W. & N.W.	N.	1·3	0·0	0·2	115	0·00
Monday .	23	..	30·072	65·9	44·3	54·4	43·2	75·0	47·0	64·5	60·5	11·2	15·0	2·1	— 6·2	N.W. & N.E.	N.W.	0·0	0·0	0·0	120	0·00
Tuesday .	24	..	30·118	69·9	42·2	57·8	46·6	76·0	35·5	65·0	60·7	11·2	14·9	3·4	— 2·9	Calm & N.W.	W.	0·0	0·0	0·0	105	0·00
Wednesday	25	..	30·122	74·5	48·3	63·4	50·8	82·0	44·0	64·7	60·5	12·6	16·8	1·5	+ 2·7	S.W.	W&Calm	0·0	0·0	0·0	50	0·00
Thursday .	26	..	30·080	82·3	50·2	67·3	55·6	95·0	47·0	65·7	62·5	11·7	19·4	0·8	+ 6·6	Calm.	S.W. & Calm.	0·0	0·0	0·0	60	0·00
Friday .	27	..	30·029	87·0	50·5	70·4	60·5	102·0	47·0	68·0	64·5	10·9	29·2	1·5	+ 9·7	Calm	E.	0·0	0·0	0·0	45	0·00
Saturday	28	..	30·025	81·0	52·6	66·8	54·1	95·0	47·0	68·5	64·5	12·7	20·9	2·7	+ 6·0	Calm.	E.N.E.	0·0	0·0	0·0	95	0·00
Means . .		..	30·032	75·6	48·8	62·3	51·2	87·5	45·3	66·0	62·0	11·3	18·6	2·8	+ 1·7	..		..	..	..	Sum 590	Sum 0·00
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

Sunday . .	Nothing was shown during the first four days of the week.
Monday . .	
Tuesday .	
Wednesday	
Thursday .	Positive, and tension weak during the afternoon.
Friday . .	Positive, and tension moderate during the afternoon.
Saturday .	Positive at 9h. a.m., and none was shown after this time.

GENERAL REMARKS.

The sky was generally covered with cloud till near noon, and clear during the remainder of the day; cirrostratus.

The sky, with slight exceptions, was covered with cloud till 4h. p.m., and mostly clear afterwards; cumuli, cumulostrati, cirrostrati, and light scud.

The sky was covered with cloud during the morning and afternoon, and at night it was principally clear; cirrostratus and fleecy clouds.

The sky was obscured with cirrostratus during the morning and afternoon, and at night the amount of cloud was variable. A solar halo was visible during the morning.

The sky was generally clear throughout the day.

The sky was clear throughout the day.

The sky was almost free from cloud throughout the day.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9h. a.m.; noon; 3h. p.m.; 9h. p.m. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22) is read at 10h. a.m. The result is for 24 hours previous and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. a.m., was 67·5°; and the mean reading at 9h. p.m. was 62·7°; the mean readings at the Royal Observatory for the same times were 68·9° and 59·6° respectively.

The reading of the barometer increased from 29·58 in. at the beginning of the week, passing the point 30 inches early in the morning of the 23rd, to 30·13 in. by 9h. p.m. on the 24th; it continued at about this reading till after noon on the 25th, when it began to decrease slowly, and from noon on the 27th to the end of the week the reading was about 30·03 at all times.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, July 5. [No. 27.

HEALTH OF LONDON DURING THE WEEK.

The total number of deaths registered in the Metropolitan districts in the week ending last Saturday is 1003. In the corresponding weeks of the ten years 1841–50 the average number was 873, the lowest of the series having been 745 in 1842, and the highest 1070 in the year 1849, when cholera had appeared and was making some progress. But if the average be raised in proportion to increase of population, 960 is the estimated amount, compared with which the deaths of last week exhibit an increase of 43.

The zymotic or epidemic class of diseases presents nothing remarkable in this return as regards the aggregate amount of deaths which differs little from the result of the previous week, or from the average mortality of former years at the beginning of July. In the present Table 214 deaths are enumerated as caused by epidemics, and these are distributed as follows: 16 were from smallpox, 29 from measles, 22 from scarlatina, 38 from hooping-cough, 5 from croup, 3 from thrush, 23 from diarrhœa, 4 from dysentery, 5 from cholera, 1 from influenza, 2 from purpura, 4 from remittent fever, 46 from typhus, 1 from puerperal fever, 1 from rheumatic fever, 11 from erysipelas, 1 from syphilis, and 2 from noma or cancrum oris.

As compared with the results under the same heads in the week preceding, measles and hooping-cough, but especially the former, have decreased, while scarlatina, typhus, and the diarrhœa or English cholera, which begins to prevail as the season advances, show an increase. The following, in detail, are the five cases of cholera which were registered last week:

In Marylebone, at 6 New-street, Dorset-square, on 30th June, the son of a porter, aged 11 months, died of "cholera infantum (5 days)."

In Marylebone, at 10 Townshend-road, on 3d July, a coachman aged 32 years, "English cholera (3 days)."

In sub-district of Gray's-inn-lane, at 2 Field-terrace, on 24th June, the daughter of a plasterer, aged 2 years, "English cholera (8 hours)."

In St. Saviour, at 17 Russell-place, on 2d July, the daughter of a scavenger, aged 7 months, died of "English cholera (24 hours)."

In Islington, at 11 Dorset-street, Ball's-pond, on 28th June, the son of a picture-frame-maker, aged 1 year, "English cholera (2 days) convulsions." Mr. Butterfield, the Registrar, mentions, with reference to this last case, that "the smell from the drains of this and the adjoining houses is offensive; and the soil which accumulates, instead of being removed from the premises, is buried in the gardens."

The number of deaths ascribed in this return to diseases of the Respiratory Organs is 114, while the average of corresponding week is 84, or, with a correction for increase of population, 92. This statement is exclusive of phthisis, which last week terminated the lives of 142 persons.

The deaths of two persons were caused by intemperance.

On the 3d June a coalporter, aged 28 years, was found dead on Barnet's-wharf, Belvedere-road. A coroner's jury returned "natural death, — bodily illness accelerated by voluntary exposure to the atmosphere, by lying asleep on an open wharf."

On 2d July, at Sydenham, a painter, aged 38 years, died of "poisonous sulphuretted hydrogen gas — apoplexy — paralysis of the left side." Mr. Brown, the Registrar, states that "the deceased entered a well to repair the pipe, the usual precaution of burning a candle having been taken; but though the experiment seemed to indicate that there was no danger, he lived only a few days after being taken out."

The births of 746 boys and 784 girls, in all 1530 children, were registered last week. The average number in six corresponding weeks of 1845–50 was 1277.

At the Royal Observatory, Greenwich, the mean reading of the barometer was above 30 in. on Sunday. The mean of the week was 29·874 in. The mean temperature of the week was 62·9°, which is rather above the average. The temperature was highest on Wednesday, when the mean was 69·4°, or 8° above the average of the same day in ten years. The mean temperature was below the average on the last three days. The wind was generally in the north-east.

The following selections are made from the Registrars' Reports :—

In the sub-district of Camden Town, at 25 Denton-street, Pancras-road, on 29th July, a shoemaker, aged 72 years, died of "pneumonia (6 months), typhoid fever (2 months)." Mr. Holl reports that "the stench arising from the drain which runs from the yard, under the kitchen, is very offensive; the persons who occupy the house are much annoyed by the bad smell, which has become worse since the drain was altered; such complaints are common."

In Islington, East sub-district, at 19 Norfolk-street, on 1st July, the daughter of a labourer, aged 5 years, died of "smallpox (10 days), not vaccinated." "The deaths from smallpox (says Mr. Butterfield) have increased lately in this sub-district."

In Lambeth, Waterloo-road (second part), at 24 Lambeth-square, on 3d July, the son of an undertaker, aged 1 year, died of "variola (7 days)." Mr. Daws states that this is the third fatal case of smallpox since the 23d May in this square. He believes that altogether seven young persons have been attacked. In none of the

cases that proved fatal had vaccination been previously performed, He is strongly disposed to think that all the seven cases owe their origin to that of the 23d of May.

Mr. Leonard observes, that "in addition to the fatal cases of small-pox mentioned in last week's report, at 22 Cecil-court, another has since occurred. The last of the three *unvaccinated* children in the family has died. All the children who had been vaccinated have had modified smallpox, and have recovered. If death had followed want of food or "the common necessaries of life," from neglect, a jury would have found a verdict accordingly, but neglect of vaccination, and the abandonment of children to a loathsome and fatal disease, is amongst 'the things permitted.'"

Births Registered last Week, and in the Twenty-seventh Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
Total . . .	1245	1334	1277	1282	1277	1247	1277	1530
Males . . .	615	691	643	675	635	640	650	746
Females . .	630	643	634	607	642	607	627	784

Deaths Registered last Week, and in the Twenty-seventh Week of Ten previous Years.

	Ages.	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
Total . .		755	745	811	871	803	974	933	970	1070	794	872·6	1003
Males . .		397	371	424	437	403	489	484	492	566	406	446·9	534
Females .		358	374	387	434	400	485	449	478	504	388	425·7	469
Deaths at three periods of life . .	0—15	367	385	382	447	376	496	375	524	495	351	419·8	436
	15—60	249	256	275	282	295	334	370	291	399	290	304·1	368
	60 & up.	139	103	154	141	132	142	186	154	174	151	147·6	197

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

Births and Deaths Registered in London in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Apr. 12.	Apr. 19.	Apr. 26.	May 3.	May 10.	May 17.	May 24.	May 31.	June 7.	June 14.	June 21.	June 28.	July 5.
Births	1536	1425	1503	1487	1572	1467	1434	1533	1446	1292	1482	1439	1530
Deaths	1042	998	1075	994	1041	1002	1000	990	961	931	968	1032	1003
Deaths (except from Violence) . . .	1033	977	1058	965	1012	965	990	960	938	900	925	953	950
Deaths (except from Violence) at 60 years and upwards . .	225	205	212	216	191	177	197	181	175	171	163	174	193
Scarlatina	13	8	10	13	11	9	17	10	15	24	19	14	22
Typhus	25	37	32	25	43	30	18	32	40	35	35	38	46
Diarrhœa & Dysentery	18	15	22	9	25	18	14	22	15	16	16	21	27
Cholera	..	..	..	..	..	..	..	..	..	1	1	1	5
Mean Temperature .	40°·3	46°·3	49°·9	42°·8	47°·4	50°·9	53°·0	55°·6	55°·2	55°·9	60°·2	62°·3	62°·9

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851			
	58°·8 July 10 1841	59°·0 July 9 1842	63°·2 July 8 1843	59°·6 July 6 1844	60°·5 July 5 1845	64°·7 July 4 1846	61°·3 July 3 1847	63°·0 July 8 1848	62°·7 July 7 1849	59°·6 July 6 1850	Mean 61°·2 Sum of 10 Weeks.	62°·9—July 5. 0	15	60	All Ages.
ALL CAUSES	755	745	811	871	803	974	933	970	1070	794	8726	436	368	197	1003†
SPECIFIED CAUSES	744	739	806	870	795	971	931	969	1066	791	8682	435	367	197	1001†
1. Zymotic Diseases	143	138	164	191	158	219	192	338	393	159	2095	162	39	13	214
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	53	51	56	52	42	37	52	45	36	38	462	6	23	17	46
3. Tubercular Diseases	178	173	162	191	184	190	187	216	173	168	1822	70	120	12	202
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	105	101	108	117	105	118	97	94	115	112	1072	51	44	37	132
5. Diseases of the Heart and Blood-vessels	19	20	30	27	24	25	34	28	38	38	283	..	19	14	33
6. Diseases of the Lungs, and of the other Organs of Respiration	81	80	88	94	96	82	89	76	87	70	843	56	27	31	114
7. Diseases of the Stomach, Liver, and other Organs of Digestion	46	65	63	70	50	86	68	70	68	57	643	22	25	21	68
8. Diseases of the Kidneys, &c.	6	3	6	2	6	14	9	11	8	9	74	..	11	..	11
9. Childbirth, Diseases of the Uterus, &c.	6	6	12	7	7	11	7	5	11	8	80	..	2	1	3
10. Rheumatism, Diseases of the Bones, Joints, &c.	5	2	3	3	5	5	3	3	6	10	45	..	7	..	7
11. Diseases of the Skin, Cellular Tissue, &c.	..	..	1	2	1	1	4	2	1	..	12	2	..	1	3
12. Malformations	1	..	1	1	1	4	1	3	1	3	16	2	..	..	2
13. Premature Birth & Debility	16	13	14	23	16	23	15	17	16	32	185	25	2	..	27
14. Atrophy	3	7	4	13	13	43	28	22	26	25	184	19	2	2	23
15. Age	48	34	46	46	39	30	42	25	32	30	372	..	..	40	40
16. Sudden	16	14	12	10	8	13	30	1	17	7	128	5	7	4	16
17. Violence, Privation, Cold, and Intemperance	18	32	36	21	40	70	73	13	38	25	366	15	39	4	60†
1.—Small-pox	15	8	5	36	7	2	28	35	3	6	145	16	..	..	16
Measles	21	29	28	21	57	2	26	15	20	17	236	29	..	..	29
Scarlatina	18	29	32	58	21	20	16	100	43	20	357	21	1	..	22
Hooping Cough	39	21	36	17	27	48	23	25	47	23	306	38	..	..	38
Croup	2	10	9	4	3	6	4	3	5	4	50	5	..	..	5
Thrush	10	5	2	7	9	9	1	8	3	..	54	3	..	..	3
Diarrhœa	6	13	6	12	10	70	17	57	46	40	277	21	1	1	23
Dysentery	4	..	..	1	4	2	..	5	8	4	28	1	1	2	4
Cholera	..	..	1	..	1	4	..	7	152	1	166	4	1	..	5
Influenza	1	2	4	2	..	2	1	1	2	..	15	1	..	..	1
Purpura and Scurvy	..	..	2	..	..	2	2	1	1	..	8	2	..	..	2
Ague	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Remittent Fever	..	1	..	2	..	1	1	2	2	..	9	3	1	..	4
Infantile Fever	*	*	*	*	*	*	*	1	1	1	3	..	..	..	..
Typhus	25	16	36	24	14	28	61	65	46	35	350	13	26	7	46
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	4	..	2	6	..	1	..	1
Rheumatic Fever	*	*	*	*	*	*	*	2	2	1	5	1	..	..	1
Erysipelas	2	3	2	6	5	16	11	7	8	5	65	2	7	2	11
Syphilis	..	..	1	1	..	7	1	..	2	..	12	1	..	..	1
Noma (or Canker)	*	*	*	*	*	..	..	..	2	..	2	1	..	1	2
Hydrophobia	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
2.—Hæmorrhage	..	9	2	3	2	5	4	6	3	6	40	2	3	..	5
Dropsy	29	27	32	33	19	13	12	10	11	13	199	3	3	11	17
Abscess	7	3	2	1	..	..	1	1	1	2	18	..	..	..	..
Ulcer	..	..	..	..	..	..	3	..	..	1	4	1	..	..	1
Fistula	..	..	..	..	1	..	1	..	1	..	3	..	1	..	1
Mortification	6	6	6	8	9	2	5	6	3	2	53	..	..	3	3
Cancer	10	6	14	6	10	15	24	20	16	12	133	..	15	3	18
Gout	1	..	..	1	1	2	2	2	1	2	12	..	1	..	1
3.—Scrofula	..	1	6	3	2	4	5	11	6	6	44	6	3	..	9
Tabes Mesenterica	4	5	8	11	9	26	17	18	14	16	128	14	..	1	15
Phthisis (or Consumption)	147	132	116	137	141	131	147	152	126	121	1350	15	116	11	142
Hydrocephalus	27	35	32	40	32	29	18	35	27	25	300	35	1	..	36

† The ages of two persons, who died *violent* deaths, are not stated.

in the TWENTY-SEVENTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 62°·9—July 5.			
	58°·8 July 10 1841	59°·0 July 9 1842	63°·2 July 8 1843	59°·6 July 6 1844	60°·5 July 5 1845	64°·7 July 4 1846	61°·3 July 3 1847	63°·0 July 8 1848	62°·7 July 7 1849	59°·6 July 6 1850	Mean 61°·2 Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	18	14	8	13	8	13	7	7	17	12	117	7	3	..	10
Apoplexy	14	10	17	18	21	21	24	15	16	20	176	2	17	14	33
Paralysis	14	7	16	18	16	12	14	16	18	19	150	..	7	17	24
Delirium Tremens	..	3	3	2	2	3	3	1	5	6	28	..	3	..	3
Chorea	..	..	..	..	1	..	..	..	..	1	2	..	..	..	..
Epilepsy	3	4	6	3	10	8	7	7	6	5	59	2	4	2	8
Tetanus	..	..	1	..	..	..	..	1	..	..	2	..	..	..	..
Insanity	..	..	..	1	..	2	3	1	2	1	10	..	1	1	2
Convulsions	50	54	41	50	32	44	32	40	41	38	422	34	..	..	34
Disease of Brain, &c.	6	9	16	12	15	15	7	6	10	10	106	6	9	3	18
5.—Pericarditis	..	..	1	1	1	..	1	4	1	2	11	..	..	..	..
Aneurism	1	1	..	..	..	2	3	..	3	2	12	..	1	..	1
Disease of Heart, &c.	18	19	29	26	23	23	30	24	34	34	260	..	18	14	32
6.—Laryngitis	..	..	1	..	1	2	2	2	3	3	14	2	2	..	4
Bronchitis	5	5	6	16	16	20	32	35	35	31	201	13	6	17	36
Pleurisy	1	3	1	4	1	2	1	2	3	1	19	41	1	1	43
Pneumonia	55	53	61	43	49	38	36	27	38	28	428	..	10	3	13
Asthma	10	5	10	10	16	7	7	3	4	5	77	..	2	9	11
Disease of Lungs, &c.	10	14	9	21	13	13	11	7	4	2	104	..	6	1	7
7.—Teething	14	15	19	14	12	13	11	10	11	7	126	9	..	..	9
Quinsey	..	2	3	3	..	1	..	1	..	3	13	1	..	2	3
Gastritis	16	31	18	..	2	3	2	3	2	5	176	..	1	..	1
Enteritis				28	12	15	10	14	11	4		9	2	1	12
Peritonitis	1	..	..	..	2	5	2	7	3	7	27	..	2	1	3
Ascites	..	..	1	1	1	2	1	1	1	3	11	..	..	..	..
Ulceration (of Intestines)	..	..	2	3	1	1	4	1	3	..	15	..	3	..	3
Hernia	2	2	2	3	1	4	3	2	3	4	26	..	2	1	3
Ileus	..	1	..	6	1	3	1	2	8	1	23	..	..	..	..
Intussusception	..	..	..	..	2	2	2	1	1	1	9	..	2	..	2
Stricture of Intestinal Canal	1	..	1	1	..	1	..	1	..	..	5	..	..	..	..
Disease of Stomach, &c.	3	3	8	3	5	11	9	3	2	3	50	2	1	6	9
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	..	1	2	..	2	9	6	7	3	2	32	..	3	2	5
Jaundice	..	4	1	5	1	1	3	4	7	6	32	..	..	1	1
Disease of Liver	9	6	6	3	7	15	14	13	13	11	97	1	9	7	17
Disease of Spleen	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
8.—Nephritis	..	..	1	..	..	..	..	2	..	1	4	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	2	3	..	5	..	1	..	1
Ischuria	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Diabetes	..	..	1	..	1	1	..	1	..	1	5	..	3	..	3
Stone	..	1	..	..	..	..	..	2	..	1	4	..	..	..	..
Cystitis	1	..	1	..	..	1	1	..	..	..	4	..	..	..	..
Stricture of Urethra	1	1	2	..	1	1	..	..	1	1	8	..	1	..	1
Disease of Kidneys, &c.	4	1	1	2	4	11	8	3	4	5	43	..	6	..	6
9.—Paramenia	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
Ovarian Dropsy	..	1	..	..	1	1	..	1	..	..	4	..	..	..	..
Childbirth (*see* Metria)	4	4	8	4	4	6	4	3	4	6	47	..	1	..	1
Disease of Uterus, &c.	2	1	4	3	2	3	3	1	7	2	28	..	1	1	2
10.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	3	2	1	1	3	4	2	3	5	7	31	..	3	..	3
Disease of Joints, &c.	2	..	2	2	2	1	1	..	1	3	14	..	4	..	4
11.—Carbuncle	..	..	1	..	..	..	1	..	..	..	2	..	..	..	..
Phlegmon	..	..	..	..	1	..	1	1	..	..	3	..	..	1	1
Disease of Skin, &c.	..	..	..	2	..	1	2	1	1	..	7	2	..	..	2
17.—Intemperance	1	..	1	2	2	3	3	..	1	2	15	..	2	..	2
Privation of Food	..	..	..	1	..	..	2	1	..	1	5	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	6	6	2	14	2	..	..	2
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	1	..	1	..	1	..	1
Poison	*	*	*	*	*	*	*	..	2	2	4	1	1	..	2
Burns and Scalds	*	*	*	*	*	*	*	1	4	2	7	1	5	..	6
Hanging and Suffocation	*	*	*	*	*	*	*	1	5	6	12	4	5	2	11
Drowning	*	*	*	*	*	*	*	..	5	4	9	1	7	..	9†
Fractures	*	*	*	*	*	*	*	3	9	5	17	6	14	1	21
Wounds	*	*	*	*	*	*	*	1	5	..	6	..	3	1	4
Other Violence	*	*	*	*	*	*	*	..	..	1	1	..	1	..	2†
All Violence	17	32	35	18	38	67	68	6	30	20	331	13	36	4	53
Causes not specified	11	6	5	1	8	3	2	1	4	3	44	1	1	..	2

† The ages of two persons, who died *violent* deaths, are not stated.

DEATHS Registered in the TWENTY-SEVENTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday.											
			° 58·8 July 10	° 59·0 July 9	° 63·2 July 8	° 59·6 July 6	° 60·5 July 5	° 64.7 July 4	° 61·3 July 3	° 63·0 July 8	° 62·7 July 7	° 59·6 July 6	Mean 61°·2 Sum of 10 Weeks.	° 62·9 July 5
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948369	2361640	755	745	811	871	803	974	933	970	1070	794	8726	1003
1-6. WEST DISTRICTS .	301189	376332	99	110	124	156	123	148	122	160	130	136	1308	167
7-11. NORTH DISTRICTS .	376568	490441	147	156	169	165	132	196	192	191	196	146	1690	194
12-19. CENTRAL DISTRICTS	374199	392986	139	134	143	160	148	159	153	161	183	119	1499	176
20-25. EAST DISTRICTS .	393067	485336	174	162	163	166	194	243	213	220	194	166	1895	186
26-36. SOUTH DISTRICTS .	503346	616545	196	183	212	224	206	228	253	238	367	227	2334	280
1. Kensington . . . HL	74898	119990	23	19	22	31	39	34	32	39	36	38	313	41
2. Chelsea . . . . *W*H	40243	56543	17	16	22	23	17	32	19	26	20	22	214	34
3. St. George Hanover-sq. H	66657	73207	23	22	24	30	20	30	30	25	17	31	252	28
4. Westminster . HHPP	56802	65609	19	26	29	38	20	34	25	39	35	27	292	49
5. St. Martin-in-the-Flds. H	25132	24557	10	10	11	17	9	4	7	14	11	11	104	5
6. St. James Westminster .	37457	36426	7	17	16	17	18	14	9	17	11	7	133	10
7. Marylebone . . . H	138383	157679	55	73	67	79	41	87	78	73	59	44	656	65
8. Hampstead . . . . }	140078	11986	*	*	*	*	*	*	1	4	1	2	8	6
9. Pancras . . . *W*HH }		167198	53	51	57	62	57	63	70	65	92	51	621	63
10. Islington . . . HP	55779	95154	24	13	21	11	19	30	19	31	22	28	218	40
11. Hackney . . . . H	42328	58424	15	19	24	13	15	16	24	18	22	21	187	20
12. St. Giles	54378	54062	19	20	24	22	21	19	24	25	23	19	216	40
13. Strand (wkh. in 9) . H	43667	44446	10	6	10	13	17	20	21	8	19	14	138	19
14. Holborn	44532	46571	18	19	16	17	13	18	15	16	30	16	178	21
15. Clerkenwell . . PP	56799	64705	30	25	29	16	13	26	16	26	24	20	225	20
16. St. Luke (wkh. in 20) L	49908	54058	15	23	16	28	20	20	23	28	14	11	198	13
17. East London . . . P	39718	44407	12	10	18	18	26	10	18	18	16	14	160	16
18. West London *W*HPPP	29188	28829	19	12	13	30	23	23	22	25	44	10	221	24
19. City of Lon. (wkh. in 25)	56009	55908	16	19	17	16	15	23	14	15	13	15	163	23
20. Shoreditch . . *W*L	83564	109209	52	21	42	43	42	45	41	44	44	46	420	35
21. Bethnal Green . . L	74206	90170	21	32	33	29	39	36	32	36	28	22	308	40
22. Whitechapel . . . H	71879	79756	26	35	26	35	46	52	50	40	37	31	378	36
23. St. George in the East .	41416	48375	18	22	15	21	17	34	26	28	15	22	218	25
24. Stepney . . . . H	90831	110669	41	30	34	31	33	54	47	55	49	34	408	34
25. Poplar . . . *W*L	31171	47157	16	22	13	7	17	22	17	17	21	11	163	16
26. St. Saviour . . HH	33027	35729	14	14	21	14	15	20	16	22	36	18	190	15
27. St. Olave . . . HH	19869	19367	20	15	31	22	17	6	33	24	22	10	200	33
28. Bermondsey	35002	48128	7	19	14	10	15	23	17	24	35	12	176	8
29. St. Geo. Southwk. LPP	46718	51825	18	14	29	17	17	22	23	19	21	16	196	28
30. Newington . . . P	54693	64805	26	20	20	27	25	29	17	25	28	29	246	25
31. Lambeth	116072	139240	51	41	45	55	55	51	39	37	89	60	523	51
32. Wandsworth . . . L	39918	50770	*	*	*	14	14	19	20	13	14	19	113	19
33. Camberwell . . . LL	39931	54668	13	24	7	17	13	13	16	21	23	14	161	20
34. Rotherhithe	13940	17778	11	9	8	7	4	6	7	2	32	9	95	1
35. Greenwich . HHHP	81125	99404	36	27	37	41	31	39	55	36	52	31	385	63
36. Lewisham . . . *W*	23051	34831	*	*	*	*	*	*	10	15	15	9	49	17

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841-50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 8726; which, divided by 10, gives 873 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 873 divided by 10 is about 87, which added to 873, makes the corrected average 960. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 145 in 10 weeks; the average was 15; the corrected average 17. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831-41; 1·998 *per cent.* annually in the ten years, 1841-51; and 1·778 *per cent.* annually in the fifty years, 1801-51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841-50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5{\cdot}5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	2	.	2
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	.	2	2
2 *St. George Hanover Square* [*Chelsea N.W.*]	.	.	.
3 St. George Hanover Square [May Fair]	2	.	2
4 Westminster [St. Margaret]	2	4	6
5 St. Martin-in-the-Fields [Charing Cross]	.	.	.
6 St. James Westminster [Golden Square]	.	1	1
7 Marylebone [Rectory]	6	8	14
9 *Strand* [*Tottenham Court*]	.	.	.
9 Pancras [Camden Town]	.	.	.
10 Islington [West]	.	.	.
11 Hackney [Hackney]	1	.	1
12 St. Giles [South]	4	3	7
14 Holborn [St. Andrew East]	.	.	.
15 Clerkenwell [St. James]	.	.	.
17 East London [St. Botolph]	1	.	1
18 *East London* [*West London North*]	.	.	.
18 West London [North]	.	.	.
20 Shoreditch [Haggerstone West]	2	3	5
20 *St. Luke* [*Hoxton New Town*]	.	1	1
21 Bethnal Green [The Green]	12	11	23
22 Whitechapel [Mile End New Town]	.	1	1
22 Whitechapel [North]	1	.	1
23 St. George-in-the-East [St. John]	1	2	3
24 Stepney [Shadwell]	.	.	.
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	1	.	1
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City* [*Bow*]	.	2	2
25 Poplar [Poplar]	.	.	.
26 St. Saviour [Christchurch]	.	1	1
27 St. Olave [St. John Horselydown]	.	1	1
28 Bermondsey [St. Mary Magdalen]	1	.	1
29 St. George Southwark [Borough Road]	.	2	2
30 Newington [St. Peter Walworth]	.	1	1
31 Lambeth [Lambeth Church 2nd]	4	1	5
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	1	1	2
33 Camberwell [Camberwell]	.	.	.
34 Rotherhithe	.	.	.
35 Greenwich [East]	5	2	7
36 Lewisham [Village]	.	1	1
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	46	48	94
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	10	.	10
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	.	.	.
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	10	.	10
General Hospitals:—			
3 St. George [Belgrave]	5	3	8
4 Westminster [St. Margaret]	5	.	5
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	.	.	.
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	2	.	2
18 St. Bartholomew [West London North]	6	4	10
22 London [Whitechapel Church]	.	.	.
27 Guy's [St. Olave and St. Saviour]	13	5	18
27 St. Thomas [St. Olave & St. Saviour]	6	1	7
Total	27	10	37
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	.	.	.
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	1	2
Total	1	1	2

	M.	F.	T.
HOSPITALS — *continued.*			
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	1	1
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Women	.	.	.
31 Hospital, York Road [Waterloo 2nd part] Children	.	.	.
Total	.	1	1
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	.	1
33 Peckham House [Camberwell]	1	.	1
33 Camberwell House [Camberwell]	.	.	.
Total	2	.	2
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	3	.	3
4 Coldstream Guards Hospital [ditto]	2	.	2
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	4	.	4
36 Dreadnought Ship (for Seamen, Greenwich West)	3	.	3
Total	12	.	12
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	1	.	1
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	1	.	1
Workhouses	46	48	94
Military and Naval Asylums	10	.	10
General Hospitals	27	10	37
Hospitals for Special Diseases	1	1	2
Lying-in Hospitals	.	1	1
Lunatic Asylums	2	.	2
Military and Naval Hospitals	12	.	12
Hospitals and Asylums for Foreigners	.	.	.
Prisons	1	.	1
Total in Public Institutions	99	60	159

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 5th July 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, [read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, [read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Difference between the Dew Point Temperature and Air Temperature. Greatest.	Difference between the Dew Point Temperature and Air Temperature. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure in lbs. on the square foot. Greatest.	Osler's. Pressure in lbs. on the square foot. Least.	Osler's. Pressure in lbs. on the square foot. Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
JUNE.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY . .	29	New. Greatest Dec. N.	30·021	79·3	49·9	65·0	55·6	..	45·0	..	..	9·4	13·7	5·3	+4·1	E.N.E. & N.E.	E.	1·6	0·0	0·3	90	0·00
MONDAY. .	30	..	29·990	77·9	50·3	64·5	58·1	..	46·0	..	..	6·4	19·5	4·9	+3·5	E.N.E.	E.S.E.	1·2	0·0	0·1	85	0·00
JULY:—																						
TUESDAY .	1	..	29·842	79·3	53·7	66·2	59·5	87·0	51·0	..	66·1	6·7	14·4	5·0	+5·1	E.S.E.	N.E.; S.E.	0·0	0·0	0·0	55	0·07
WEDNESDAY	2	Perigee.	29·750	84·4	58·5	69·4	59·2	93·0	58·0	..	66·0	10·2	20·9	6·3	+8·2	N.; S.W.	N.E.	3·2	0·0	0·7	175	0·69
THURSDAY.	3	..	29·876	68·1	52·0	58·2	49·8	82·0	..	..	65·5	8·4	13·8	5·9	—3·1	N.E.	N.	2·5	0·0	0·9	165	0·00
FRIDAY . .	4	..	29·883	69·8	49·8	57·4	43·8	80·2	51·0	..	64·3	13·6	14·9	3·8	—4·1	N.	N.N.E. & Calm.	0·0	0·0	0·0	50	0·00
SATURDAY.	5	In Equa. First Qr.	29·759	72·6	38·9	59·5	47·3	82·0	34·5	..	..	12·2	16·1	1·2	—2·0	Calm	Calm	0·0	0·0	0·0	55	0·00
MEANS . .		..	29·874	75·9	50·4	62·9	53·3	84·8	47·6	..	..	9·6	16·2	4·6	+1·7	N.E.		..	..	..	Sum 675	Sum 0·76
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	
MONDAY . .	Nothing shown at either observations.
TUESDAY . .	Nothing shown at 9h. A.M. and noon; positive, and tension stronger at 3h. P.M. and 9h. P.M.
WEDNESDAY	Strong negative electricity was shown during the time of rain falling, and no more was exhibited during the remainder of the week.
THURSDAY .	
FRIDAY . .	
SATURDAY .	

GENERAL REMARKS.

The sky was generally clear throughout the day.

During the morning and afternoon the sky was free from cloud; at night three fourths of the sky were covered with cumulostrati, cirrostrati, fleecy clouds, and scud.

The sky, with slight exceptions, was covered with cloud throughout the day; cirrostrati, fleecy clouds, and scud. Rain fell during the morning. Lightning, followed by distant thunder, was observed between 8h. and 9h. P.M.

Three fourths of the sky were generally covered till noon, and it was clear during the remainder of the day; cirrostrati and fleecy clouds.

During the morning the sky was for the most part covered with cloud, generally clear during the afternoon, and overcast at night; cirrostrati and fleecy clouds.

The sky was covered with cloud till near noon, one half covered till 3h. P.M., and generally clear afterwards; cirrostrati and fleecy clouds.

The sky, with slight exceptions, was clear throughout the day.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9 h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*,—*lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The maximum thermometer was broken at the beginning of the week.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 63·7°; and the mean reading at 9h. P.M. was 61·9°; the mean readings at the Royal Observatory for the same times were 64·3° and 59·2° respectively.

The reading of the thermometer decreased from 29·97 in. at the beginning of the week to 29·73 in. by noon on July 2; increased to 29·90 in. by 9h. P.M. on the 3d; decreased to 29·84 in. by 3h. P.M. on the 5th; after which it slightly increased.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, July 12. [No. 28.

HEALTH OF LONDON DURING THE WEEK.

The public health now presents a more favourable aspect. In the week ending last Saturday the number of deaths registered from all causes declined to 881. In the ten corresponding weeks of 1841–50 the average number was 877; but as population has been growing throughout that period and up to the present date, an average mortality corrected for the rate of increase may be estimated at 965, compared with which the deaths of last week exhibit a decrease of 84.

The progress of the summer months in reducing the mortality is perceptible in all those classes of disease which make the principal contributions to the aggregate amount, with the exception of the class of epidemics in which there now appears some disposition to increase. In the preceding week (ending 5th July) this class numbered 214 deaths, it has now risen to 224; but the tubercular class, the most important of which is phthisis, has fallen from 202 to 168. Phthisis or consumption numbers this week 127, which is less than the corrected average.

Small-pox is recorded as having been fatal to 27 persons, all of them children except one. Three died in the Small-pox Hospital of "small-pox confluent; unprotected;" and amongst these a labourer, aged 27 years, from Bermondsey. The registrars mention particular families which have suffered extensively, and lament in such cases that vaccination, which might have prevented the spread of the disease or its fatal results, had been neglected.

Diarrhœa, which was fatal in the previous week to 23 persons, nearly all children, has suddenly increased, and last week carried off 53, of whom 44 were young persons, 3 were of middle age, and 6 had reached sixty years or upwards. Besides these, 8 cases were registered, in which the cause of death is described as "cholera infantum," or "English cholera," and one in which it is stated as Asiatic cholera.

The particulars of these cases, all with one exception amongst children, are as follow:—

In Kensington, at Jenning's-buildings, on 6th July, the daughter of a spinster, aged 1 year, died of "cholera infantum."

In Kensington, Cooper's-gardens, on 6th July, the daughter of a labourer, aged 6 years, "cholera infantum."

In Mary-le-bone, St. John's, at 4 Victoria-terrace, on 6th July, the daughter of a gardener, aged 4 years, "English cholera."

In Cripplegate, at 10 Adelaide-place, on 10th July, the son of a police constable, aged 7 months, "cholera infantum (5 days)."

In Bethnal-green, at 13 Bedford-row, on 6th July, the daughter of a woodcutter, aged 4 months, "English cholera (4 days)."

In Bethnal-green, Town sub-district, at 31 Thomas-street, on 9th July, the wife of a scale and beam maker, aged 68 years, "cholera Asiatica (36 hours)."

In Goodman's-fields, at 8 Everard's-place, on 4th July, the daughter of a tobacconist, aged 4 months, "English cholera (3 days)."

In St. George-in-the-East, at 21 Cross-street, on 8th July, the son of a mariner, aged 2 years, "cholera infantum (7 days)."

In St. Saviour, at 23 Zoar-street, on 6th July, the son of a cellarman, aged 2 years, "English cholera (14 days)."

The births of 700 boys and 646 girls, in all 1346 children, were registered last week. The average number of six corresponding weeks in 1845–50 was 1227.

At the Royal Observatory, Greenwich, the mean height of the barometer in the week was 29·777 in. The mean temperature of the week was 59·6°, or about 2° below the average of the same week in ten years. On Wednesday, Thursday, and Friday the daily mean was about 6° below the average of the respective days, and on Saturday it rose nearly 4° above it. The wind generally blew from the west, but on Tuesday and the two following days it blew occasionally from the north-east and north-west.

The following selections are made from the Registrars' Reports:—

In Islington, East sub-district, at 12 Norfolk-street, on 6th July, the daughter of a timekeeper, aged 3 years, died of "small-pox (12 days after the appearance of eruption)." Mr. Butterfield states that "the deceased had not been vaccinated. Of eight children only the two eldest have been vaccinated; all the children are now suffering from the disease. The father entertains the very common idea that vaccination induces a tendency to cutaneous disorders."

In the sub-district of St. George, Bloomsbury, at 3, Linney-court, on 5th July, the son of a porter, aged 9 months, died of "dentition diarrhœa (7 days), convulsions (33 hours)." Mr. Yardley observes that "the court in which this death and another from 'struma, with abscess of parotid gland,' occurred has only a single privy for the three houses of which it consists, and this is so offensive that the people cannot open their windows. There is very little fresh air to be obtained, as the court is entirely surrounded by neighbouring houses, and the entrance is a covered way, which is about 10 feet high and 4 feet wide."

In Lambeth, at 125 Waterloo-road, on 6th July, the son of an upholsterer, aged 4 months, died of "diarrhœa." Mr. Mears mentions that "the cesspool and drain of this house and the next two have recently overflowed, and the yards been filled with stagnant filth, the effluvium from which has been most offensive. The drains are badly constructed."

At 16 Lambeth-square, on 10th July, the son of an upholsterer, aged 7 months, died of "small-pox (12 days)." This is the fourth fatal case of small-pox (says Mr. Daws) which has occurred in this square since the 21st May. In the house just mentioned there were seven children, two of whom have been vaccinated, and have hitherto escaped the disease, whilst the remainder who had not been subjected to vaccination have taken it, and in two instances with fatal results.

Sub-district of Hackney-road, 3 children, aged severally 1 year, 3 years, and 3 years, died in Old Nichol-street of marasmus, natural small-pox, and remittent fever respectively. Two deaths also occurred in New Nichol-street; both streets are described by Mr. Murray as "crowded and undrained."

Births Registered last Week, and in the Twenty-eighth Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
Total. . . .	1036	1278	1199	1326	1226	1299	1227	1346
Males . . .	513	659	618	674	634	662	627	700
Females . .	523	619	581	652	592	637	600	646

Deaths Registered last Week, and in the Twenty-eighth Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
Total. . .		761	785	757	831	777	901	882	930	1369	781	877·4	881*
Males . .		405	400	423	407	384	460	434	462	702	395	447·2	436
Females .		356	385	334	424	393	441	448	468	667	386	430·2	445
	Ages.												
Deaths at three periods of life . .	0—15	395	401	359	438	408	488	422	499	601	362	437·3	441
	15—60	250	250	242	259	220	259	281	288	546	267	286·2	274
	60 & up.	114	134	154	133	147	152	178	143	221	142	151·8	157

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

* The returns of deaths for the sub-districts of Holywell (Shoreditch) and Sydenham were not received in time for insertion in the Tables. Averages derived from the returns of the previous six weeks, namely, 7 for Holywell and 2 for Sydenham, are substituted, and in the Table of Diseases are placed to *Causes not specified*. The true numbers are now ascertained to be 5 for the former sub-district, and 2 for the latter.

Births and Deaths Registered in London in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Apr. 19.	Apr. 26.	May 3.	May 10.	May 17.	May 24.	May 31.	June 7.	June 14.	June 21.	June 28.	July 5.	July 12.
Births	1425	1503	1487	1572	1467	1434	1533	1446	1292	1482	1439	1530	1346
Deaths	998	1075	994	1041	1002	1000	990	961	931	968	1032	1003	881
Deaths (except from Violence) . . .	977	1058	965	1012	965	990	960	938	900	925	953	950	869
Deaths (except from Violence) at 60 years and upwards . .	205	212	216	191	177	197	181	175	171	163	174	193	156
Scarlatina	8	10	13	11	9	17	10	15	24	19	14	22	13
Typhus	37	32	25	43	30	18	32	40	35	35	38	46	28
Diarrhœa & Dysentery	15	22	9	25	18	14	22	15	16	16	21	27	53
Cholera	..	..	..	..	..	..	..	..	1	1	1	5	9
Mean Temperature .	46°·3	49°·9	42°·8	47°·4	50°·9	53°·0	55°·6	55°·2	55°·9	60°·2	62°·3	62°·9	59°·6

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851			
	55°·1	62°·5	60°·9	61°·3	61°·3	62°·0	65°·2	64°·6	66°·8	59°·5	Mean 61°·9	59°·6—July 12.			
	July 17	July 16	July 15	July 13	July 12	July 11	July 10	July 15	July 14	July 13	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
ALL CAUSES	761	785	757	831	777	901	882	930	1369	781	8774	441	274	157	881†
SPECIFIED CAUSES	741	781	753	829	774	900	880	928	1367	769	8722	437	274	157	868
1. Zymotic Diseases	110	139	168	219	167	218	217	319	630	168	2355	185	25	14	224
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	48	44	35	46	29	34	42	44	42	36	400	5	20	19	44
3. Tubercular Diseases	194	189	174	173	167	205	183	182	204	162	1833	43	117	8	168
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	132	122	79	106	113	113	118	114	106	104	1107	44	16	23	83
5. Diseases of the Heart and Blood-vessels	13	14	24	24	31	28	21	23	28	21	227	1	23	8	32
6. Diseases of the Lungs, and of the other Organs of Respiration	81	59	85	80	84	62	77	58	108	87	781	60	20	29	109
7. Diseases of the Stomach, Liver, and other Organs of Digestion	43	64	62	73	52	92	69	54	60	59	628	17	24	10	51
8. Diseases of the Kidneys, &c.	2	3	5	4	6	11	6	7	10	11	65	..	6	4	10
9. Childbirth, Diseases of the Uterus, &c.	6	6	9	5	10	8	11	10	10	11	86	..	8	1	9
10. Rheumatism, Diseases of the Bones, Joints, &c.	3	7	7	10	3	13	7	7	7	8	72	1	1	4	6
11. Diseases of the Skin, Cellular Tissue, &c.	1	..	2	1	..	..	..	1	3	1	9	..	..	..	..
12. Malformations	..	2	1	..	2	2	2	3	3	3	18	6	..	..	6
13. Premature Birth & Debility	18	29	15	17	19	19	24	13	21	19	194	38	3	..	41
14. Atrophy	9	16	9	9	18	46	26	38	33	24	228	30	1	1	32
15. Age	42	51	57	46	52	29	50	32	36	36	431	..	..	31	31
16. Sudden	15	18	9	5	5	4	4	8	13	7	88	1	1	3	5
17. Violence, Privation, Cold, and Intemperance	24	18	12	11	16	16	23	15	53	12	200	6	9	2	17
1.—Small-pox	14	6	6	43	13	3	32	34	9	9	169	26	1	..	27
Measles	17	29	28	19	44	10	44	8	30	16	245	31	..	..	31
Scarlatina	8	25	30	69	15	25	13	72	25	23	305	13	..	..	13
Hooping Cough	23	17	34	12	34	32	18	32	37	23	262	36	..	..	36
Croup	8	3	9	7	3	7	3	7	13	2	62	2	..	..	2
Thrush	5	13	4	8	5	9	2	6	5	7	64	4	..	..	4
Diarrhœa	9	12	7	20	25	87	32	64	89	37	382	44	3	6	53
Dysentery	1	2	3	1	3	3	3	6	11	3	36	..	..	..	..
Cholera	..	1	4	..	2	8	3	9	339	7	373	8	..	1	9
Influenza	1	1	3	..	..	..	..	1	..	..	6	..	..	..	..
Purpura and Scurvy	..	..	1	..	..	1	..	1	2	1	6	..	1	1	2
Ague	..	..	..	1	..	..	1	3	1	..	6	..	..	..	..
Remittent Fever	1	..	..	..	..	..	..	1	2	..	4	6	..	..	6
Infantile Fever	*	*	*	*	*	*	*	..	2	1	3	1	..	..	1
Typhus	18	25	36	31	18	28	52	59	48	30	345	11	12	5	28
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	3	3	2	8	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	1	2	2	5	..	1	..	1
Erysipelas	4	5	2	7	5	5	9	7	11	2	57	1	4	1	6
Syphilis	1	..	1	1	..	..	3	3	1	3	13	1	..	..	1
Noma (or Canker)	*	*	*	*	..	..	2	2	..	..	4	1	..	..	1
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	5	..	3	2	2	2	1	7	3	2	27	..	1	1	2
Dropsy	32	30	18	27	16	13	14	18	17	7	192	1	1	5	7
Abscess	..	1	2	3	..	1	1	3	1	..	12	3	1	..	4
Ulcer	..	..	..	..	..	1	2	2	2	1	8	..	1	..	1
Fistula	..	1	1	..	..	..	1	..	..	..	3	..	..	1	1
Mortification	2	1	6	4	1	3	3	1	2	2	25	1	2	1	4
Cancer	7	9	5	10	10	11	19	13	17	23	124	..	13	10	23
Gout	2	2	..	..	..	3	1	..	..	1	9	..	1	1	2
3.—Scrofula	4	2	5	2	..	7	7	5	7	9	48	6	4	..	10
Tabes Mesenterica	4	6	14	5	7	20	24	10	26	11	127	14	..	..	14
Phthisis (or Consumption)	150	146	128	134	131	139	114	132	146	116	1336	6	113	8	127
Hydrocephalus	36	35	27	32	29	39	38	35	25	26	322	17	..	..	17

† See Note, page 219.

in the TWENTY-EIGHTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 59°·6—July 12.			
	55°·1 July 17 1841	62°·5 July 16 1842	60°·9 July 15 1843	61°·3 July 13 1844	61°·3 July 12 1845	62°·0 July 11 1846	65°·2 July 10 1847	64°·6 July 15 1848	66°·8 July 14 1849	59°·5 July 13 1850	Mean 61°·9 Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	9	15	11	15	12	14	13	13	11	12	125	8	2	1	11
Apoplexy	20	13	8	10	13	23	17	18	21	29	172	1	3	9	13
Paralysis	9	14	11	10	17	17	21	19	17	18	153	..	2	8	10
Delirium Tremens	1	2	3	3	2	4	2	5	4	5	31	..	2	..	2
Chorea	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Epilepsy	3	4	3	6	3	6	5	6	7	4	47	3	..	3	6
Tetanus	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Insanity	..	1	1	..	1	4	..	..	..	1	8	..	3	1	4
Convulsions	77	61	39	58	58	30	43	40	30	27	463	29	..	..	29
Disease of Brain, &c.	13	12	3	4	7	15	17	12	15	8	106	3	4	1	8
5.—Pericarditis	..	..	..	2	..	..	..	3	..	1	6	..	1	..	1
Aneurism	..	..	1	1	..	..	1	1	..	1	5	..	2	..	2
Disease of Heart, &c.	13	14	23	21	31	28	20	19	28	19	216	1	20	8	29
6.—Laryngitis	1	1	2	1	..	1	2	3	3	2	16	..	1	..	1
Bronchitis	10	6	14	12	12	24	26	24	38	29	195	17	9	21	47
Pleurisy	3	..	..	2	3	2	2	1	3	3	19	2	2	1	5‡
Pneumonia	49	34	45	47	48	30	36	22	52	42	405	38	7	4	49‡
Asthma	9	8	10	11	8	4	3	4	6	7	70	..	1	2	3
Disease of Lungs, &c.	9	10	14	7	13	1	8	4	6	4	76	3	..	1	4
7.—Teething	13	18	15	15	14	17	11	3	13	11	130	11	..	..	11
Quinsey	1	1	..	4	1	..	2	2	1	1	13	..	..	..	..
Gastritis }	14	27	19	1	1	2	3	1	2	1	166	..	3	1	4
Enteritis }				25	11	24	5	13	7	10		1	3	2	6
Peritonitis	..	..	2	1	1	6	1	1	5	3	20	2	3	..	5
Ascites	1	1	2	3	..	2	1	..	2	1	13	..	1	..	1
Ulceration (of Intestines)	1	..	2	1	1	4	1	3	1	..	14	..	2	..	2
Hernia	2	1	..	2	1	4	5	2	2	2	21	..	..	1	1
Ileus	1	4	3	..	1	3	5	4	2	2	25	1	2	..	3
Intussusception	1	..	..	1	..	1	3	1	4	..	11	..	..	..	..
Stricture of Intestinal Canal	..	..	..	1	..	..	1	2	..	..	4	..	..	..	..
Disease of Stomach, &c.	2	1	9	7	13	10	7	6	2	6	63	1	2	2	5
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	3	2	2	..	8	3	1	4	4	28	..	..	2	2
Jaundice	1	..	1	2	..	2	1	4	3	2	16	..	..	1	1
Disease of Liver	5	8	7	8	8	9	20	11	12	16	104	1	8	1	10
Disease of Spleen	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8.—Nephritis	1	..	..	..	..	..	1	..	..	1	3	..	1	1	2
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	1	4	2	7	..	1	..	1
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diabetes	..	..	1	..	3	..	..	1	..	..	5	..	1	2	3
Stone	..	2	..	..	..	..	..	..	..	..	2	..	..	..	..
Cystitis	..	..	1	..	..	..	..	1	1	..	3	..	..	1	1
Stricture of Urethra	..	..	..	3	1	2	..	2	..	1	9	..	..	..	..
Disease of Kidneys, &c.	1	1	3	1	2	9	5	2	5	7	36	..	3	..	3
9.—Paramenia	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
Ovarian Dropsy	1	..	1	..	1	..	1	3	2	1	10	..	1	..	1
Childbirth (*see* Metria)	4	3	5	4	9	5	8	5	4	5	52	..	4	..	4
Disease of Uterus, &c.	1	3	2	1	..	3	2	2	4	5	23	..	3	1	4
10.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	3	3	2	4	2	5	2	5	4	4	34	..	..	2	2
Disease of Joints, &c.	..	4	5	6	1	8	5	2	3	4	38	1	1	2	4
11.—Carbuncle	..	..	..	..	..	..	..	..	1	1	2	..	..	..	..
Phlegmon	..	..	..	..	..	..	..	..	2	..	2	..	..	..	..
Disease of Skin, &c.	1	..	2	1	..	..	..	1	..	..	5	..	..	..	..
17.—Intemperance	1	..	..	..	..	1	1	2	2	..	7	..	..	1	1
Privation of Food	2	..	..	..	..	..	1	..	..	..	3	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	1	3	2	6	4	..	..	4
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	1	2	..	3	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	1	5	..	6	..	..	..	..
Hanging and Suffocation	*	*	*	*	*	*	*	2	3	2	7	..	..	..	..
Drowning	*	*	*	*	*	*	*	6	16	3	25	2	5	..	7
Fractures	*	*	*	*	*	*	*	..	18	3	21	..	4	1	5
Wounds	*	*	*	*	*	*	*	2	3	1	6	..	..	..	..
Other Violence	*	*	*	*	*	*	*	..	1	1	2	..	..	..	..
All Violence	21	18	12	11	16	15	21	12	48	10	184	2	9	1	12
Causes not specified	20	4	4	2	3	1	2	2	2	12	52	4	..	..	13†

† See Note, page 219.

‡ ERRATA in Return for week ending July 5th. *For* pleurisy 41 deaths, under 15 years, *read* pneumonia 41 deaths, under 15 years. The totals at all ages to be altered accordingly.

DEATHS Registered in the TWENTY-EIGHTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for the Week ending Saturday,											
			55°·1 July 17	62°·5 July 16	60°·9 July 15	61°·3 July 13	61°·3 July 12	62°·0 July 11	65°·2 July 10	64°·6 July 15	66°·8 July 14	59°·5 July 13	Mean 61°·9 Sum of 10 Weeks.	59°·6 July 12
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948369	2361640	761	785	757	831	777	901	882	930	1369	781	8774	881
1–6. WEST DISTRICTS .	301189	376332	128	120	131	113	121	144	139	144	206	118	1364	161
7–11. NORTH DISTRICTS .	376568	490441	134	117	136	170	130	181	188	168	211	161	1596	165
12–19. CENTRAL DISTRICTS	374199	392986	179	154	158	145	139	158	151	168	225	128	1605	134
20–25. EAST DISTRICTS .	393067	485336	143	179	160	169	185	196	172	202	257	171	1834	193
26–36. SOUTH DISTRICTS .	503346	616545	177	215	172	234	202	222	232	248	470	203	2375	228
1. Kensington . . . HL	74898	119990	37	37	25	28	25	30	32	38	56	22	330	42
2. Chelsea . . . . *W*H	40243	56543	15	12	25	22	24	23	27	21	36	15	220	26
3. St. George Hanover-sq. H	66657	73207	31	17	23	16	17	21	24	17	41	25	232	28
4. Westminster. . HHPP	56802	65609	28	29	27	33	31	41	28	43	48	34	342	34
5. St. Martin-in-the-Flds. H	25132	24557	8	11	12	4	10	11	10	15	13	7	101	16
6. St. James Westminster .	37457	36426	9	14	19	10	14	18	18	10	12	15	139	15
7. Marylebone . . . H	138383	157679	64	52	57	75	42	67	65	62	85	58	627	54
8. Hampstead . . . . }	140078	11986	*	*	*	*	*	*	3	2	3	2	10	2
9. Pancras . . . *W*HH }		167198	45	37	44	64	60	70	82	55	52	58	567	65
10. Islington . . . HP	55779	95154	11	16	13	22	17	27	23	29	49	33	240	30
11. Hackney . . . . H	42328	58424	14	12	22	9	11	17	15	20	22	10	152	14
12. St. Giles	54378	54062	24	17	24	20	21	16	33	29	31	16	231	26
13. Strand (wkh. in 9) . H	43667	44446	19	23	19	10	18	12	8	16	25	19	169	22
14. Holborn	44532	46571	16	23	15	21	19	19	24	17	26	15	195	16
15. Clerkenwell . . PP	56799	64705	34	20	16	18	16	29	27	32	28	20	240	17
16. St. Luke (wkh. in 20) L	49908	54058	25	11	16	20	20	27	14	19	22	23	197	20
17. East London . . . P	39718	44407	20	17	12	19	19	22	18	11	16	10	164	16
18. West London *W*HPPP	29188	28829	24	22	32	17	10	12	16	26	50	21	230	9
19. City of Lon. (wkh. in 25)	56009	55908	17	21	24	20	16	21	11	18	27	4	179	8
20. Shoreditch . . *W*L	83564	109209	32	39	41	42	33	43	40	58	47	41	416	41
21. Bethnal Green . . L	74206	90170	14	30	17	32	35	43	26	31	44	32	304	32
22. Whitechapel . . . H	71879	79756	30	45	37	38	39	34	47	35	54	34	393	35
23. St. George-in-the-East .	41416	48375	19	23	25	16	20	26	21	19	28	17	214	19
24. Stepney . . . . H	90831	110669	36	33	32	36	38	39	32	47	51	37	381	47
25. Poplar. . . . *W*L	31171	47157	12	9	8	5	20	11	6	12	33	10	126	19
26. St. Saviour . . HH	33027	35729	13	22	9	14	16	14	26	30	31	13	188	16
27. St. Olave . . . HH	19869	19367	16	18	15	25	12	19	14	12	22	15	168	12
28. Bermondsey	35002	48128	11	21	9	18	15	16	20	17	40	17	184	27
29. St. Geo. Southwk. LPP	46718	51825	18	28	22	21	20	18	22	20	41	24	234	18
30. Newington . . . P	54693	64805	25	18	25	31	19	23	27	18	33	19	238	16
31. Lambeth	116072	139240	35	46	39	55	54	48	35	54	112	46	524	51
32. Wandsworth . . . L	39918	50770	*	*	*	13	19	12	11	19	35	9	118	25
33. Camberwell . . . LL	39931	54668	16	28	19	11	20	21	21	21	29	19	205	24
34. Rotherhithe	13940	17778	7	7	3	6	4	9	6	9	47	2	100	10
35. Greenwich . HHHP	81125	99404	36	27	31	40	23	42	37	41	64	32	373	20
36. Lewisham. . . . *W*	23051	34831	*	*	*	*	*	*	13	7	16	7	43	9

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 8774; which divided by ten gives 877 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 877 divided by 10 is about 88, which added to 877, makes the corrected average 965. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 169 in 10 weeks; the average was 17; the corrected average 19. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831–41; 1·998 *per cent.* annually in the ten years, 1841–51; and 1·778 *per cent.* annually in the fifty years, 1801–51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5{\cdot}5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	1	.	1
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	1	1
2 Chelsea [North West]	1	.	1
2 *St. George Hanover Square [Chelsea N.W.]*	.	.	.
3 St. George Hanover Square [May Fair]	2	.	2
4 Westminster [St. Margaret]	.	2	2
5 St. Martin-in-the-Fields [Charing Cross]	3	.	3
6 St. James Westminster [Golden Square]	1	3	4
7 Marylebone [Rectory]	5	3	8
9 *Strand [Tottenham Court]*	2	1	3
9 Pancras [Camden Town]	3	2	5
10 Islington [West]	.	.	.
11 Hackney [Hackney]	.	1	1
12 St. Giles [South]	4	2	6
14 Holborn [St. Andrew East]	.	3	3
15 Clerkenwell [St. James]	2	.	2
17 East London [St. Botolph]	.	.	.
18 *East London [West London North]*	.	.	.
18 West London [North]	.	.	.
20 Shoreditch [Haggerstone West]	3	.	3
20 *St. Luke [Hoxton New Town]*	1	2	3
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	1	.	1
23 Saint-George-in-the-East [St. John]	.	.	.
24 Stepney [Shadwell]	.	2	2
24 Stepney [Ratcliff]	.	1	1
24 Stepney [Mile End Old Town Lower]	.	.	.
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	.	.	.
25 Poplar [Poplar]	.	.	.
26 St. Saviour [Christchurch]	1	2	3
27 St. Olave [St. John Horselydown]	.	.	.
28 Bermondsey [St. Mary Magdalen]	.	.	.
29 St. George Southwark [Borough Road]	1	1	2
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2d]	3	3	6
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	3	.	3
33 Camberwell [Camberwell]	1	2	3
34 Rotherhithe	1	.	1
35 Greenwich [East]	.	.	.
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	39	31	70
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	1	.	1
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	1	.	1
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	2	.	2
General Hospitals:			
3 St. George [Belgrave]	1	4	5
4 Westminster [St. Margaret]	.	.	.
5 Charing Cross [Charing Cross]	1	2	3
7 Middlesex [All Souls]	.	.	.
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's Inn Lane]	.	.	.
13 King's College [St. Clement Danes]	1	.	1
18 St. Bartholomew [West London North]	1	1	2
22 London [Whitechapel Church]	1	1	2
27 Guy's [St. Olave and St. Saviour]	4	2	6
27 St. Thomas [St. Olave & St. Saviour]	4	.	4
Total	13	10	23
Hospitals for Special Diseases:			
10 Small Pox [Islington West]	3	.	3
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	2	2
Total	3	2	5

	M.	F.	T.
HOSPITALS—*continued.*			
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northum. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	1	1
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	3	3
33 Peckham House [Camberwell]	.	1	1
33 Camberwell House [Camberwell]	.	2	2
Total	.	7	7
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	1	.	1
4 Coldstream Guards Hospital [ditto]	2	.	2
4 Scots Fusilier Guards Hospital [ditto]	1	.	1
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	1	.	1
Total	5	.	5
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	1	1
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	1	1
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	39	31	70
Military and Naval Asylums	2	.	2
General Hospitals	13	10	23
Hospitals for Special Diseases	3	2	5
Lying-in-Hospitals	.	.	.
Lunatic Asylums	.	7	7
Military and Naval Hospitals	5	.	5
Hospitals and Asylums for Foreigners	.	1	1
Prisons	.	.	.
Total in Public Institutions	62	51	113

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 12th July 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. a.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
July.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday .	6	..	29·926	69·0	48·1	59·6	48·9	..	..	..	..	10·8	13·1	3·7	−2·0	Calm	Calm	0·0	0·0	0·0	95	0·00
Monday .	7	..	29·879	74·8	54·8	63·0	54·5	84·0	50·0	..	..	8·5	11·4	7·0	+1·3	W.	W.	0·0	0·0	0·0	85	0·00
Tuesday .	8	..	29·626	73·5	54·0	61·2	54·3	80·0	47·0	..	64·5	6·9	12·0	6·4	−0·6	W.	N.W. & N.E.	2·3	0·0	0·2	110	0·28
Wednesday	9	..	29·623	67·5	49·4	56·7	49·5	76·0	43·3	..	65·0	7·2	12·2	1·5	−5·2	N.E. & S.W.	S.W. & N.N.W.	1·8	0·0	0·1	100	0·03
Thursday .	10	..	29·623	70·0	47·6	54·9	50·7	75·0	39·8	..	63·5	4·2	12·2	3·6	−7·1	Calm	N.W. & N.N.E.	6·0	0·0	0·6	150	0·35
Friday . .	11	..	29·997	67·8	41·4	56·1	46·6	86·0	35·0	..	64·0	9·5	14·6	4·3	−6·0	W.	W.	1·0	0·0	0·0	140	0·00
Saturday .	12	Greatest Dec. S.	29·757	78·7	57·2	65·8	55·1	96·0	44·0	..	64·0	10·7	14·6	8·7	+3·7	W.S.W.	S.W.	3·0	0·0	0·5	130	0·00
Means . .		..	29.777	71·6	50·4	59·6	51·4	82·8	43·2	..	..	8·3	12·9	5·0	−2·3	W.		..	..	..	Sum 810	Sum 0·66
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

Sunday . .	Nothing was shown at any examination.
Monday. .	Nothing was shown throughout the day.
Tuesday .	Negative, and very active during the afternoon; frequent sparks were shown.
Wednesday	Nothing was shown throughout the day.
Thursday .	Negative, and very active during the afternoon; frequent volleys of sparks and galvanic currents were shown.
Friday . .	Nothing was shown throughout the day.
Saturday .	Positive, and tension moderate generally throughout the day.

GENERAL REMARKS.

The sky, with slight exceptions, was covered with cloud throughout the day; cirrostrati and fleecy clouds.

Three fourths of the sky were covered with cloud during the morning, and overcast during the remainder of the day; cumulostratus, cirrostratus, and fleecy clouds.

The clouds were occasionally broken during the afternoon, otherwise the sky was overcast throughout the day; cumuli, cumulostrati, and fleecy clouds. Lightning, followed by thunder, occurred at 5h. 15m. P.M., accompanied by heavy rain; frequent showers fell at other times.

The sky was overcast throughout the day; cirrostratus; light showers of rain fell during the afternoon.

The sky was covered with cloud during the morning and afternoon, and clear at night; cumulostratus, cirrostratus, and scud. Frequent claps of thunder were heard between 2h. and 3h. P.M., and a violent squall of wind and rain occurred between 4h. and 5h. P.M.

The sky was mostly covered with cloud throughout the day; cumuli, cumulostrati, and cirrostrati.

The sky was three fourths covered till 9h. P.M., and clear afterwards; cumuli, cirrostrati, and fleecy clouds.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R.S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans.*, *Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, —*lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M. was 60·5°; and the mean reading at 9h. P.M. was 59·3°; the mean readings at the Royal Observatory for the same times were 60·9° and 57·9° respectively.

The reading of the barometer increased from 29·86 in. to 29·91 in. by 9h. A.M. on the 7th; decreased to 29·56 in. by 0h. on the 10th; increased to 30.01 in. by 9h. A.M. on the 11th; it continued at about this reading till after 3h. P.M., and decreased to 29·81 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, July 19. [No. 29.

HEALTH OF LONDON DURING THE WEEK.

It was shown in the last Report that the public health had improved to some extent under the influence of more genial weather; it will now be seen that the return for the period that has intervened adds its testimony to the improvement. During May and June the weekly deaths in London were about 1000, or never fell very considerably below that amount; in the week ending July 12th they declined to 881, and in the week ending last Saturday to 873. Throughout May and to the middle of June the mean temperature of each week ranged from 47° to 55°; since that time it has risen to 60°, and continued near this point,—a temperature, however, which is at present below the average of the season.

In the ten corresponding weeks of 1841–50 the average number of deaths was 975, or corrected for increase of population 1073, compared with which the 873 deaths of last week exhibit a great decrease. But it is to be observed that cholera had made much progress at this period in 1849, and with diarrhœa had raised the total deaths in the corresponding week of that year to 1741; hence the average mortality as now stated is higher than a normal state of the population would have produced. The mortality of London last week is equal to only half its sum at a time when cholera had begun, but is greater than what prevails in districts where more favourable conditions of health exist.

In the present return the deaths arising from diseases of the respiratory organs amount to 112, while the corrected average of corresponding weeks is 89. In the zymotic class the number of fatal cases is 209, of which 21 were produced by small-pox, 21 by measles, 34 by hooping-cough, and only 6 by scarlatina. In the last three weeks diarrhœa has been fatal successively to 23, 53, and 64 persons, showing a gradual increase. Of the 64 only 11 were more than 15 years of age.

Eight cases of cholera were registered in various districts, and the following are the particulars of each as reported :—

In Mary-le-bone, at 79 Crawford-street, on 18th July, the son of a draper, aged 8 months, died of "English cholera."

At 19 Essex-street, King's-cross, on 15th July, the widow of a navigator, aged 68 years, "cholera morbus (2 days)." Mr. Holl, the Registrar, remarks that "this is a very crowded, ill-drained, and dirty locality, inhabited by poor persons; cholera prevailed in this neighbourhood two years ago, and here it would probably be very fatal, if the malady again assume a malignant character."

In Shoreditch, St. Leonards, at 4 Bath-place, Old-street-road, on July 9th, the son of a tripe-dresser, aged 5 months, "English cholera (3 days)."

In the same sub-district, at 5 Norfolk-gardens, on 12th July, the son of an upholsterer, aged 8 months "English cholera (6 days)."

In Limehouse, at 11 Nightingale-buildings, on 18th July, the son of a tailor, aged 10 months, "English cholera (3 weeks)."

In sub-district of Kent-road, at 18 Swan-place, on 12th July, the son of a labourer, aged 3 months, "English cholera (40 hours)."

At 7 St. Peter's-street, Walworth-common, on 9th July, the son of a master whipmaker, aged 4 months, died of "cholera Anglica (26 hours)." The medical attendant describes this as the most strongly marked case of English cholera he had ever seen; there was collapse from the very commencement.

In Lambeth, at 27 Palace-new-road, on 14th July, the widow of a carriage-builder, aged 75 years, "cholera morbus (1 day)."

Six of the above cases occurred amongst children under 1 year, the remaining two to persons of advanced age.

It appears from the return for Islington, West, that of two women, aged 21 and 31 respectively, who died of small-pox in the hospital at Holloway, the former had been vaccinated in Wales when 4 years old, and had one cicatrix, the latter had been inoculated twice and vaccinated three times without effect.

The births of 719 boys and 688 girls, in all 1407 children, were registered last week. The average number in six corresponding weeks of 1845–50 is 1244.

The mean height of the barometer in the week was 29·640 in. at the Royal Observatory, Greenwich. The mean temperature was 58·1°, which is 4° less than the average of the same week in ten years. The daily mean was below the average on every day of the week, and on Thursday fell to 54·9°, or 7° below it.

The following selections are made from the Registrars' Reports :—

In sub-district of Charing-cross, at 5 Harvey's-buildings, on 14th July, the daughter of a labourer, aged 3 months, died of "diarrhœa (14 days)." Mr. Leonard mentions that "this was diarrhœa following diseased mesenteric glands of some duration; but there has been much diarrhœa in the district during the last week, some of the cases nearly approaching cholera, and producing sudden and almost fatal collapse in a few hours."

In St. George, Bloomsbury, at 5 Southampton-mews, on 16th July, the son of an ostler, aged 7 years, died of "gastric fever (3 weeks), hydrocephalus (10 days)." Mr. Yardley adds: "This is the fifth death in the same family since the end of March. The fourth occurred in the week ending 21st June, when I made some remarks respecting it and the previous cases."

In the sub-district of Goswell-street, at 39 Wynyatt-street, on 11th July, the son of a jeweller, aged 15 weeks, died of "diarrhœa (7 days)." From the information which Mr. Burrows, the Registrar, received, it appears that the deceased was the third child that had died in this family in four months, and the mother was lying ill, and not expected to recover. At the back of the house is a slaughter-house, and at times the smells are most offensive.

In sub-district of Christ Church, St. Saviour, at 12 Green-street, on 15th July, the son of a carpenter, aged 9 years, died of "typhus." The medical man who attended the child remarks on his certificate: "Drains in a dreadful state."

BIRTHS Registered LAST WEEK, and in the TWENTY-NINTH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1306	1262	1182	1309	1213	1193	1244	1407
Males . . .	671	624	600	695	619	592	633	719
Females . .	635	638	582	614	594	601	611	688

DEATHS Registered LAST WEEK, and in the TWENTY-NINTH Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		756	744	790	896	867	1053	944	1096	1741	863	975·0	873
Males . .		400	371	425	454	456	505	479	567	903	424	498·4	425
Females .		356	373	365	442	411	548	465	529	838	439	476·6	448
Deaths at three periods of life . .	Ages.												
	0—15	361	399	383	480	435	547	432	613	778	406	483·4	430
	15—60	246	225	266	274	301	334	329	320	700	255	325·0	271
	60 & up.	148	120	139	139	130	171	183	163	262	197	165·2	172

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS Registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Apr. 26.	May 3.	May 10.	May 17.	May 24.	May 31.	June 7.	June 14.	June 21.	June 28.	July 5.	July 12.	July 19.
BIRTHS	1503	1487	1572	1467	1434	1533	1446	1292	1482	1439	1530	1346	1407
DEATHS	1075	994	1041	1002	1000	990	961	931	968	1032	1003	881	873
DEATHS (except from Violence) . . .	1058	965	1012	965	990	960	938	900	925	953	950	869	853
Deaths (except from Violence) at 60 years and upwards . .	212	216	191	177	197	181	175	171	163	174	193	156	170
Scarlatina	10	13	11	9	17	10	15	24	19	14	22	13	6
Typhus	32	25	43	30	18	32	40	35	35	38	46	28	32
Diarrhœa & Dysentery	22	9	25	18	14	22	15	16	16	21	27	53	67
Cholera	..	..	..	..	..	..	..	1	1	1	5	9	8
Mean Temperature .	49°·9	42°·8	47°·4	50°·9	53°·0	55°·6	55°·2	55°·9	60°·2	62°·3	62°·9	59°·6	58°·1

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851			
	57°·1 July 24 1841	59°·9 July 23 1842	61°·4 July 22 1843	58°·2 July 20 1844	59°·5 July 19 1845	64°·6 July 18 1846	70°·2 July 17 1847	62°·5 July 22 1848	60°·5 July 21 1849	65°·6 July 20 1850	Mean 61°·9 Sum of 10 Weeks.	58°·1—July 19. 0	15	60	All Ages.
ALL CAUSES	756	744	790	896	867	1053	944	1096	1741	863	9750	430	271	172	873
SPECIFIED CAUSES	748	739	785	893	864	1050	940	1092	1737	858	9706	430	270	172	872
1. Zymotic Diseases	124	122	170	252	153	261	232	390	1002	176	2882	161	27	21	209
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	50	37	43	40	41	34	45	54	39	59	442	9	19	21	49
3. Tubercular Diseases	191	198	186	174	204	237	220	202	206	162	1980	61	90	6	157
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	92	121	83	120	115	116	100	112	117	117	1093	39	22	24	85
5. Diseases of the Heart and Blood-vessels	18	13	25	26	34	33	32	34	36	31	282	3	20	19	42
6. Diseases of the Lungs, and of the other Organs of Respiration	74	63	84	72	94	90	95	65	87	89	813	65	26	21	112
7. Diseases of the Stomach, Liver, and other Organs of Digestion	65	77	68	60	75	93	73	65	67	72	715	21	22	8	51
8. Diseases of the Kidneys, &c.	2	4	4	10	12	14	8	14	17	10	95	1	7	6	14
9. Childbirth, Diseases of the Uterus, &c.	12	8	7	19	12	11	9	10	8	9	105	..	13	2	15
10. Rheumatism, Diseases of the Bones, Joints, &c.	6	3	7	7	3	11	8	6	6	10	67	2	6	3	11
11. Diseases of the Skin, Cellular Tissue, &c.	1	..	1	..	..	1	..	2	1	3	9	2	2	1	5
12. Malformations	..	..	2	2	1	5	4	8	4	4	30	2	..	..	2
13. Premature Birth & Debility	27	19	16	17	24	29	24	26	29	25	236	23	2	..	25
14. Atrophy	8	6	6	14	15	51	27	27	35	24	213	28	..	2	30
15. Age	56	43	46	51	42	35	40	34	34	37	418	..	..	35	35
16. Sudden	9	6	9	10	10	6	4	7	19	6	86	1	2	1	4
17. Violence, Privation, Cold, and Intemperance	13	19	28	19	29	23	19	36	30	24	240	12	12	2	26
1.—Small-pox	14	9	6	37	2	5	28	31	4	3	139	17	4	..	21
Measles	15	27	25	24	37	6	26	15	27	16	218	21	..	..	21
Scarlatina	23	23	37	72	12	12	15	90	27	15	326	6	..	..	6
Hooping Cough	26	9	24	13	33	36	18	24	38	22	243	34	..	..	34
Croup	3	7	3	4	3	4	8	7	9	5	53	2	..	..	2
Thrush	5	7	4	12	9	8	7	9	4	3	68	2	..	..	2
Diarrhœa	14	12	16	40	25	124	43	94	131	51	550	53	4	7	64
Dysentery	1	5	2	3	3	5	3	9	15	5	51	1	1	1	3
Cholera	..	3	3	2	2	20	1	21	678	5	735	6	..	2	8
Influenza	..	2	1	..	1	..	2	1	..	1	8	..	..	..	..
Purpura and Scurvy	..	..	..	1	..	..	3	1	..	2	7	1	1	..	2
Ague	..	..	..	1	..	..	1	1	..	2	5	..	..	..	..
Remittent Fever	..	..	..	1	..	1	2	1	3	2	10	4	..	..	4
Infantile Fever	*	*	*	*	*	*	*	3	1	..	4	..	..	..	..
Typhus	19	15	45	34	18	29	64	70	53	31	378	13	9	10	32
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	6	3	3	12	..	4	..	4
Rheumatic Fever	*	*	*	*	*	*	*	..	1	1	2	..	..	..	..
Erysipelas	3	3	3	8	6	9	8	5	7	6	58	..	4	..	4
Syphilis	1	..	..	..	..	2	3	1	1	3	11	1	..	..	1
Noma (or Canker)	*	*	*	*	2	..	..	1	..	..	3	..	..	1	1
Hydrophobia	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
2.—Hæmorrhage	1	3	1	5	4	2	5	4	4	7	36	3	2	1	6
Dropsy	28	23	23	20	21	5	16	27	12	20	195	4	6	3	13
Abscess	5	..	3	5	..	1	6	2	2	1	25	..	3	..	3
Ulcer	..	1	..	..	..	4	1	2	2	2	12	1	..	..	1
Fistula	2	..	..	..	..	..	..	..	..	..	2	..	..	..	..
Mortification	6	1	4	3	2	7	2	3	2	6	36	1	1	7	9
Cancer	7	9	11	7	14	12	15	16	15	22	128	..	7	10	17
Gout	1	..	1	..	..	3	..	..	2	1	8	..	..	..	..
3.—Scrofula	2	1	3	1	1	7	6	9	9	6	45	1	2	..	3
Tabes Mesenterica	6	2	8	10	12	23	26	29	20	13	149	19	1	..	20
Phthisis (or Consumption)	142	150	133	129	148	163	148	140	149	107	1409	17	87	6	110
Hydrocephalus	41	45	42	34	48	44	40	24	28	36	377	24	..	..	24

in the TWENTY-NINTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday.											1851 58°·1—July 19.			
	57°·1 July 24 1841	59°·9 July 23 1842	61°·4 July 22 1843	58°·2 July 20 1844	59°·5 July 19 1845	64°·6 July 18 1846	70°·2 July 17 1847	62°·5 July 22 1848	60°·5 July 21 1849	65°·6 July 20 1850	Mean 61°·9 Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	10	22	11	13	16	7	12	8	9	11	119	9	2	1	12
Apoplexy	17	16	12	17	23	25	24	25	21	11	191	3	5	6	14
Paralysis	7	14	10	8	13	18	23	10	15	27	145	..	4	11	15
Delirium Tremens	2	2	1	2	..	4	..	4	3	6	24	..	2	..	2
Chorea	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
Epilepsy	1	2	6	5	2	3	3	1	9	7	39	..	1	..	1
Tetanus	..	..	1	1	..	..	..	..	1	..	3	1	..	..	1
Insanity	1	1	1	..	..	3	1	..	..	2	9	..	2	3	5
Convulsions	46	56	35	65	53	46	29	51	43	34	458	22	..	..	22
Disease of Brain, &c.	8	8	6	9	8	10	8	13	16	19	105	3	6	3	12
5.—Pericarditis	..	1	3	3	..	1	4	3	2	3	20	..	4	2	6
Aneurism	..	..	1	..	..	1	1	2	1	..	6	..	..	..	..
Disease of Heart, &c.	18	12	21	23	34	31	27	29	33	28	256	3	16	17	36
6.—Laryngitis	..	1	..	..	2	1	3	3	1	3	14	2	..	..	2
Bronchitis	10	4	8	12	11	24	28	28	29	35	189	16	6	17	39
Pleurisy	1	..	2	3	3	2	5	1	2	1	20	1	1	..	2
Pneumonia	49	41	57	43	58	35	36	18	43	45	425	43	11	1	55
Asthma	6	7	8	8	8	10	8	5	5	1	66	..	2	1	3
Disease of Lungs, &c.	8	10	9	6	12	18	15	10	7	4	99	3	6	2	11
7.—Teething	14	18	15	12	19	15	6	7	10	15	131	7	..	..	7
Quinsey	1	..	..	3	..	3	1	..	3	1	12	..	1	..	1
Gastritis }	21	34	21	2	..	1	1	..	2	5	205	..	2	..	2
Enteritis }				18	22	26	12	17	8	15		6	..	..	6
Peritonitis	1	..	3	4	..	6	8	3	5	3	33	2	..	..	2
Ascites	1	..	3	2	..	2	1	2	4	2	17	..	2	1	3
Ulceration (of Intestines)	2	2	2	..	4	2	5	4	3	1	25	1	3	..	4
Hernia	1	1	2	1	3	4	4	4	1	2	23	..	1	1	2
Ileus	3	6	2	3	3	1	2	1	3	4	28	1	1	..	2
Intussusception	1	..	..	..	3	..	1	1	3	3	12	1	..	..	1
Stricture of Intestinal Canal	..	..	1	1	..	1	1	..	..	2	6	..	2	..	2
Disease of Stomach, &c.	8	4	3	5	5	15	10	6	5	5	66	2	3	3	8
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	..	2	2	..	2	6	8	3	3	1	27	..	1	2	3
Jaundice	2	3	3	3	3	3	1	2	4	5	29	1	..	..	1
Disease of Liver	10	7	11	6	11	8	12	15	11	8	99	..	6	1	7
Disease of Spleen	..	..	..	..	..	..	..	..	2	..	2	..	..	..	..
8.—Nephritis	1	1	1	..	2	..	..	1	..	1	7	..	2	..	2
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	3	4	1	8	..	2	..	2
Ischuria	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Diabetes	..	..	..	..	1	..	..	1	1	..	3	1	..	..	1
Stone	..	1	..	1	1	1	3	..	1	1	9	..	..	1	1
Cystitis	..	1	..	..	..	1	..	3	2	..	7	..	..	..	..
Stricture of Urethra	..	..	..	4	1	2	1	1	..	..	9	..	..	1	1
Disease of Kidneys, &c.	1	1	3	5	7	10	4	5	8	7	51	..	3	4	7
9.—Paramenia	1	..	..	1	..	..	1	..	..	..	3	..	..	..	..
Ovarian Dropsy	2	..	..	..	..	..	..	2	2	3	9	..	3	..	3
Childbirth (*see* Metria)	6	7	4	11	9	6	3	3	4	2	55	..	7	..	7
Disease of Uterus, &c.	3	1	3	7	3	5	5	5	2	4	38	..	3	2	5
10.—Arthritis	..	..	1	..	..	..	..	..	1	..	2	..	1	..	1
Rheumatism	2	2	2	2	3	7	2	1	2	4	27	..	4	1	5
Disease of Joints, &c.	4	1	4	5	..	4	6	5	3	6	38	2	1	2	5
11.—Carbuncle	..	..	..	..	..	..	..	1	1	2	4	..	..	..	..
Phlegmon	..	..	1	..	..	1	..	1	..	..	3	1	1	1	3
Disease of Skin, &c.	1	..	..	..	..	..	..	..	..	1	2	1	1	..	2
17.—Intemperance	..	..	3	..	1	2	..	1	3	2	12	..	..	..	..
Privation of Food	..	..	2	..	..	..	..	..	2	..	4	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	10	6	7	23	6	..	..	6
Neglect	*	*	*	*	*	*	*	1	1	..	2	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	..	1	1	2	..	3	..	3
Burns and Scalds	*	*	*	*	*	*	*	1	1	..	2	2	..	..	2
Hanging and Suffocation	*	*	*	*	*	*	*	1	1	3	5	1	..	..	1
Drowning	*	*	*	*	*	*	*	13	6	7	26	1	3	..	4
Fractures	*	*	*	*	*	*	*	9	9	3	21	1	5	1	7
Wounds	*	*	*	*	*	*	*	..	..	1	1	1	1	1	3
Other Violence	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
All Violence	13	19	23	19	28	21	19	24	18	15	199	6	12	2	20
Causes not specified	8	5	5	3	3	3	4	4	4	5	44	..	1	..	1

DEATHS Registered in the TWENTY-NINTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for Week ending Saturday,											
			57°·1 July 24	59°·9 July 23	61°·4 July 22	58°·2 July 20	59°·5 July 19	64°.6 July 18	70°·2 July 17	62°·5 July 22	60°·5 July 21	65°·6 July 20	Mean 61°·9 Sum of 10 Weeks.	58°·1 July 19
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948369	2361640	756	744	790	896	867	1053	944	1096	1741	863	9750	873
1-6. WEST DISTRICTS .	301189	376332	127	104	113	141	124	148	133	152	228	138	1408	148
7-11. NORTH DISTRICTS .	376568	490441	130	144	167	176	142	196	175	232	235	168	1765	180
12-19. CENTRAL DISTRICTS	374199	392986	156	157	153	151	179	230	186	227	250	140	1829	130
20-25. EAST DISTRICTS .	393067	485336	158	164	180	171	185	201	206	242	295	179	1981	195
26-36. SOUTH DISTRICTS .	503346	616545	185	175	177	257	237	278	244	243	733	238	2767	220
1. Kensington . . . HL	74898	119990	26	23	19	33	32	44	33	32	64	54	360	46
2. Chelsea . . . . *W*H	40243	56543	20	17	22	18	18	30	21	22	33	12	213	26
3. St. George Hanover-sq. H	66657	73207	29	18	25	28	22	25	18	29	26	21	241	18
4. Westminster . HHPP	56802	65609	29	21	21	40	23	23	32	38	69	28	324	40
5. St. Martin-in-the-Flds. H	25132	24557	10	9	10	13	19	10	12	15	17	12	127	8
6. St. James Westminster .	37457	36426	13	16	16	9	10	16	17	16	19	11	143	10
7. Marylebone . . . H	138383	157679	50	63	60	71	52	84	61	77	75	52	645	61
8. Hampstead . . . . }	140078	11986	*	*	*	*	*	*	2	4	3	2	11	3
9. Pancras . . . *W*HH }		167198	49	37	72	67	60	66	60	87	114	59	671	72
10. Islington . . . HP	55779	95154	16	25	22	20	17	25	31	39	27	32	254	33
11. Hackney . . . . H	42328	58424	15	19	13	18	13	21	21	25	16	23	184	11
12. St. Giles	54378	54062	15	31	23	21	31	22	25	38	47	20	273	19
13. Strand (wkh. in 9) . H	43667	44446	11	21	20	15	12	23	11	16	26	15	170	15
14. Holborn	44532	46571	16	9	13	17	19	31	30	19	33	12	199	16
15. Clerkenwell . . PP	56799	64705	28	18	23	29	30	42	29	17	26	24	266	23
16. St. Luke (wkh. in 20) L	49908	54058	26	22	13	19	18	39	22	32	29	17	237	14
17. East London . . . P	39718	44407	14	17	26	17	21	23	28	21	17	16	200	15
18. West London *W*HPPP	29188	28829	28	22	20	19	25	34	21	52	33	17	271	16
19. City of Lon. (wkh. in 25)	56009	55908	18	17	15	14	23	16	20	32	39	19	213	12
20. Shoreditch . . *W*L	83564	109209	42	34	48	46	41	48	36	60	42	41	438	46
21. Bethnal Green . . L	74206	90170	15	27	34	30	26	33	35	31	36	16	283	30
22. Whitechapel . . . H	71879	79756	30	39	38	29	43	35	59	50	43	29	395	48
23. St. George in the East .	41416	48375	17	19	19	20	18	14	18	28	22	22	197	20
24. Stepney . . . . H	90831	110669	42	31	31	32	44	49	42	55	79	46	451	39
25. Poplar . . . *W*L	31171	47157	12	14	10	14	13	22	16	18	73	25	217	12
26. St. Saviour . . HH	33027	35729	18	18	13	14	16	19	14	18	32	19	181	20
27 St. Olave . . . HH	19869	19367	17	20	23	21	28	23	15	21	42	16	226	14
28. Bermondsey	35002	48128	14	14	16	28	10	14	33	15	79	21	244	20
29. St. Geo. Southwk. LPP	46718	51825	15	27	17	34	22	25	16	24	88	22	290	15
30. Newington . . . P	54693	64805	22	22	13	14	21	28	15	22	83	28	268	17
31. Lambeth	116072	139240	46	40	40	50	57	52	52	48	169	52	606	48
32. Wandsworth . . . L	39918	50770	*	*	*	15	18	15	13	21	21	20	123	18
33. Camberwell . . . LL	39931	54668	15	6	18	15	30	26	33	12	60	18	233	7
34. Rotherhithe	13940	17778	5	7	6	8	3	11	9	7	52	4	112	5
35. Greenwich . HHHP	81125	99404	33	21	31	58	32	65	38	45	78	29	430	50
36. Lewisham . . . *W*	23051	34831	*	*	*	*	*	*	6	10	29	9	54	6

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841-50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 9750; which, divided by 10, gives 975 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 975 divided by 10 is about 98, which added to 975, makes the corrected average 1073. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 139 in 10 weeks; the average was 14; the corrected average 15. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831-41; 1·998 *per cent.* annually in the ten years, 1841-51; and 1·778 *per cent.* annually in the fifty years, 1801-51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841-50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5{\cdot}5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$.

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	.	1	1
1 Kensington [Town]	.	1	1
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	1	1	2
2 Chelsea [North West]	.	1	1
2 *St. George Hanover Square [Chelsea N.W.]*	.	1	1
3 St. George Hanover Square [May Fair]	2	.	2
4 Westminster [St. Margaret]	2	1	3
5 St. Martin-in-the-Fields [Charing Cross]	.	.	.
6 St. James Westminster [Golden Square]	.	1	1
7 Marylebone [Rectory]	5	3	8
9 *Strand [Tottenham Court]*	.	.	.
9 Pancras [Camden Town]	6	6	12
10 Islington [West]	2	2	4
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	1	1	2
14 Holborn [St. Andrew East]	1	1	2
15 Clerkenwell [St. James]	.	4	4
17 East London [St. Botolph]	1	1	2
18 *East London [West London North]*	1	.	1
18 West London [North]	2	.	2
20 Shoreditch [Haggerstone West]	2	1	3
20 *St. Luke [Hoxton New Town]*	.	1	1
21 Bethnal Green [The Green]	2	2	4
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	5	6	11
23 St. George-in-the-East [St. John]	2	.	2
24 Stepney [Shadwell]	.	2	2
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	2	1	3
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	.	1	1
25 Poplar [Poplar]	.	2	2
26 St. Saviour [Christchurch]	3	2	5
27 St. Olave [St. John Horselydown]	1	1	2
28 Bermondsey [St. Mary Magdalen]	.	2	2
29 St. George Southwark [Borough Road]	1	.	1
30 Newington [St. Peter Walworth]	3	.	3
31 Lambeth [Lambeth Church 2nd]	1	2	3
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	.	.	.
33 Camberwell [Camberwell]	.	.	.
34 Rotherhithe	.	.	.
35 Greenwich [East]	1	7	8
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	47	55	102
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	11	.	11
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	.	.	.
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	11	.	11
General Hospitals:—			
3 St. George [Belgrave]	.	.	.
4 Westminster [St. Margaret]	4	2	6
5 Charing Cross [Charing Cross]	1	1	2
7 Middlesex [All Souls]	1	1	2
9 University College [Tottenham Court]	5	3	8
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	.	1	1
18 St. Bartholomew [West London North]	5	1	6
22 London [Whitechapel Church]	.	3	3
27 Guy's [St. Olave and St. Saviour]	4	1	5
27 St. Thomas [St. Olave & St. Saviour]	.	2	2
Total	20	15	35
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	.	2	2
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	.	1
Total	1	2	3

	M.	F.	T.
HOSPITALS — *continued.*			
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	1	1
2 Blacklands House [Chelsea North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	1	2	3
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	1	2	3
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	2	3
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	2	.	2
Total	5	7	12
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	4	.	4
Total	4	.	4
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	47	55	102
Military and Naval Asylums	11	.	11
General Hospitals	20	15	35
Hospitals for Special Diseases	1	2	3
Lying-in Hospitals	.	.	.
Lunatic Asylums	5	7	12
Military and Naval Hospitals	4	.	4
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	.	.
Total in Public Institutions	88	79	167

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 19th July 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
JULY.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY . .	13	Full.	29·605	74·9	51·5	61·8	52·4	..	45·5	..	..	9·4	12·9	1·0	—0·8	W.	S.W.	4·0	0·0	0·7	235	0·00
MONDAY. .	14	..	29·394	71·6	56·2	61·5	49·8	78·0	51·0	..	..	11.7	16·2	9·7	—0·6	S. W. & W.	W.S.W.	5·5	1·0	2·4	235	0·06
TUESDAY .	15	..	29·597	70·9	51·1	59·4	49·1	82·0	43·8	..	..	10·3	14·4	5·0	—2·7	W.S.W.	W.N.W.	4·5	0·0	0·8	140	0·01
WEDNESDAY	16	..	29·629	66·3	45·1	56·1	45·6	73·0	37·0	..	..	10·5	15·0	2·2	—6·0	Calm & N.N.E.	N.N.E.	0·0	0·0	0·0	30	0·00
THURSDAY.	17	Apogee.	29·693	61·7	47·7	54·9	46·5	70·0	41·0	..	..	8·4	13·9	4·6	—7·2	Calm	Calm	0·0	0·0	0·0	30	0·29
FRIDAY . .	18	..	29·772	68·1	43·6	57·2	46·2	76·0	38·0	..	..	11·0	14·9	1·5	—4·8	Calm & N.E.	Calm	0·0	0·0	0·0	60	0·01
SATURDAY.	19	..	29·792	63·5	45·9	56·1	44·1	67·0	37·0	..	..	12·0	14·1	2·8	—5·8	Calm	S.	2·3	0·0	0·8	170	0·22
MEANS . .		..	29·640	68·1	48·7	58·1	47·7	74·3	41·9	..	..	10·5	14·5	3·8	—4·0	..		..	..	..	Sum 900	Sum 0·59
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	Positive, and tension moderate at night.
MONDAY . .	Negative, and active at 1h. P.M.; frequent sparks were shown.
TUESDAY . .	Negative, and active between 1h. and 3h. P.M.; frequent sparks were shown.
WEDNESDAY	Positive, and tension strong during the afternoon.
THURSDAY .	Negative, and active during the afternoon.
FRIDAY . .	Positive, and tension strong at noon.
SATURDAY .	Positive, and weak tension during the morning.

GENERAL REMARKS.

The sky, with slight exceptions, was covered with cloud throughout the day; cirrostratus.

Three fourths of the sky were covered till noon, and generally one fourth part covered during the remainder of the day; cumulostratus, cirrostratus, and fleecy clouds. Heavy squalls of wind and rain occurred during the earlier portion of the morning.

The sky was mostly free from cloud till near noon, and three fourths covered afterwards; cumuli, cumulostrati, and cirrostrati. Showers of rain fell between noon and 3h. P.M.

The sky was generally three fourths covered with cumuli, cumulostrati, and cirrostrati throughout the day.

The sky was covered with cloud throughout the day. Frequent flashes of lightning, followed by loud thunder and heavy rain, occurred between 4h. 40m. and 6h. P.M.

The sky was three fourths covered throughout the day; cumuli, cumulostrati, and cirrostrati were the prevailing clouds.

The sky was covered by cloud throughout the day; heavy rain fell constantly from noon till midnight.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9 h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*,—*lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). It was away for repair during the week. Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 60·5°; and the mean reading at 9h. P.M. was 56·8°; the mean readings at the Royal Observatory for the same times were 61·3° and 54·9° respectively.

The reading of the barometer decreased from 29·81 in. at the beginning of the week to 29·36 in. by 9h. A.M. on the 14th; increased to 29·60 in. by 9h. A.M. on the 15th; remained at about this reading till after noon on the 16th; increased to 29·84 in. by 9h. A.M. on the 19th; and decreased to 29·71 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, July 26. [No. 30.

HEALTH OF LONDON DURING THE WEEK.

The deaths in the Metropolitan districts, which in either of the two previous weeks hardly exceeded 870, again show an increase; for in the week ending last Saturday they rose to 956. In the same week of 1849 cholera was rapidly spreading, and swelled the amount to 1931; but setting aside that year, and taking the corresponding weeks of other years in the series 1841–50, it appears that the lowest number was 749 in 1843, and the highest 1201 in 1848, and within the weeks subject to comparison the amount did not in general exceed 900.

Of the 956 deaths of last week 282 are attributed to diseases of the zymotic or epidemic order, showing a sudden and remarkable increase on the 224 and 209 cases of the same description registered respectively in the two previous weeks. On the other hand, persons who died from diseases of the respiratory organs (exclusive of hooping-cough and consumption) in the previous week were 112, in the last week only 85; but within the same period phthisis has risen from 110 to 141.

Among epidemics which have become more fatal may be mentioned scarlatina, which numbered 6 in the preceding return, and 18 in the present; typhus which has risen from 32 to 59, and diarrhœa, almost exclusively confined to children not older than one year, whose progress is marked by the numbers of four successive weeks; viz. 23, 53, 64, and in last week 83.

In sub-district of Sydenham, in Jew's-walk, a gentleman died after suffering 24 hours from diarrhœa. The medical attendant states, that "within one hundred yards of the residence of deceased, and on his own property, there is, and has been for a considerable period, upwards of 20 square yards of surface overflowed with sewage, emptying itself into a ditch of about 30 yards long, which has no outlet, and is constantly stirred up with rains and exposed to the rays of the sun, emitting at all times the most pestilential effluvia. The immediate neighbourhood is thickly populated, and the health of the inhabitants much endangered. Choleretic and gastro-typhoid cases are constantly occurring. The evil is referrible to the adjacent property; it does not come under local jurisdiction, and the deceased had no redress."

Two cases of diarrhœa, one of which has been fatal, are reported, in Payne-street, Islington; and here also the drainage is bad, a circumstance to which the medical man attributes the origin of the disease.

The following are the particulars of 12 cases of cholera registered during the week:—

In Kensington, at 5, Queen's-road, on 15th July, the son of a cab proprietor, aged 3 months, died of "cholera infantum (3 days)."

In Fulham-district, at Parsons-green, on 25th July, the son of a gardener, aged 5 weeks, died of "English cholera." The cottage (says Mr. Knight the Registrar), is small and badly ventilated. In Parson's-green-lane the daughter of an Irish

labourer, aged 9 months, died of "English cholera (4 days)." "The cottages are small and over-crowded. The medical attendant mentions that English cholera is very prevalent in Parson's-green-lane, and likely to prove fatal in several cases; he attributes it to over-crowding of the houses, and the dirty habits of the cottagers."

In Gray's-inn-lane sub-district, at 8 North-place, on 21st July, the daughter of an artificial flower maker, aged 15 months, "diarrhœa (2 months), English cholera (3 days)." Mr. Worrell describes the dwelling as "confined and unwholesome."

In St. Clement Danes, at 10 Craven-buildings, on 17th July, a waiter, aged 62 years, "cholera (4 days)."

At 88 Holborn, on 19th July, the daughter of a confectioner, aged 11 months, "diarrhœa (21 days), cholera infantum (48 hours)."

At Saffron-hill, 16 Charles-street, on 19th July, the son of an optician, aged 16 months, "diarrhœa (3 days), English cholera."

In Clerkenwell, at 11 Lamb-court, on 15th July, the daughter of a labourer, aged 1 year, "cholera (40 hours)."

In Hoxton New Town, at 7 Craven-street, on 20th July, the daughter of a gasfitter, aged 9 months, "cholera (3 days)."

In sub-district of Hackney-road, at 8 Vincent-street, on 17th July, the son of a labourer, aged 10 weeks, "English cholera (1 week)." Mr. Murray states, that "the street is close, crowded, and undrained." He adds, that "up to Saturday the 26th the child had not been buried, and lay during the hot weather in a close room, containing six persons who had only a single apartment for all the purposes of life. The decomposition of the body rendered the place very offensive, and cannot be otherwise than injurious to health." Old Nichol-street, where a child died of diarrhœa, and Mead-street, a continuation of Vincent-street, where another died of scarlatina maligna, are also described as close and undrained streets.

In St. George-in-the-East, at 24 James-street, on 22d July, the son of a cabinet-maker, aged 8 months, "English cholera (3 days)."

In Kennington, at 3*a* Henry-street, Vassall-road, on 21st July, the daughter of a commercial traveller, aged 4 months, "diarrhœa; cholera infantum (6 days)." "This is a new house; there is no drainage, and the water, which stagnates in the garden, is at times very offensive."

In the above list the disorder is designated in nearly all the cases "English cholera," or "cholera infantum," and, with one exception, the patients were still at that early age in which so many at this time of the year fall under "diarrhœa," a shorter term and applied to a milder form of the same complaint. The duration of the disease as stated in most of the 12 cases is also characteristic of the ordinary form of cholera, for during the severe visitations of the epidemic one-half of the cases terminate in less than twenty-four hours.

Last week the births of 709 boys and 674 girls, in all 1383 children, were registered. The average of corresponding weeks in six years (1845–50) was 1290.

At the Royal Observatory, Greenwich, the mean reading of the barometer in the week was 29·599 in. The mean daily temperature fell from 63° on Sunday to 56° on Thursday; and the mean of the week was 60°, which is rather below the average of the same week in ten years. The mean of Thursday was 7° below the average of that day. The wind blew generally from the west and north-west.

The following selections are made from the Registrars' Reports:—

In the sub-district of Camden-town, at 16 College-street, the daughter of a music-smith, aged 7 years, died of "variola confluens (14 days), not vaccinated." Mr. Holl states, that "three other children of the family suffered from the disorder at the same time; none of them were vaccinated, owing to the prejudice of the parents." Also at 35 Weston-street, King's-cross, on 20th July, the son of a leather-cutter, aged 6 months, died of "diarrhœa (14 days), teething." "The neighbourhood is crowded, and there are two slaughter-houses in the street."

In Islington, West sub-district, at 12 Payne-street, on 22d July, the son of a greengrocer, aged 18 months, died of "dentition and diarrhœa (5 days)." Mr. Watts

mentions that "the medical attendant considered the disease to have been engendered by the badness of the drainage; another child in the family lies ill with the same complaint."

In Shoreditch, Haggerstone West, at 63 Ely-place, on 23d July, the daughter of a shoemaker, aged 22 months, died of "fever (8 days)." Mr. Bowring describes this as "a close and confined place, consisting of 77 houses, without back yards, and having large cesspools in front, which during the hot weather emitted such a stench that the inhabitants were obliged to shut their doors and windows."

In Bermondsey, sub-district of Leather-market, at 50 Smith's-buildings, on 22d July, the son of a journeyman leather-japanner, aged 2 years, "variola, not vaccinated." The medical attendant adds that "the mother of the child obstinately refuses to have either of her children vaccinated."

Births Registered last Week, and in the Thirtieth Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
Total. . . .	1232	1243	1210	1396	1313	1344	1290	1383
Males . . .	653	623	635	707	689	664	662	709
Females . .	579	620	575	689	624	680	628	674

Deaths Registered last Week, and in the Thirtieth Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
Total. . .		778	882	749	1066	873	1003	905	1201	1931	898	1028·6	956
Males . .		413	451	378	514	434	513	477	650	952	439	522·1	473
Females .		365	431	371	552	439	490	428	551	979	459	506·5	483
	Ages.												
Deaths at three periods of life . .	0—15	410	428	374	582	452	539	442	702	845	456	523·0	486
	15—60	232	285	249	317	273	286	289	305	770	279	328·5	301
	60 & up.	136	168	126	165	147	168	170	193	315	163	175·1	169

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

Births and Deaths Registered in London in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	May 3.	May 10.	May 17.	May 24.	May 31.	June 7.	June 14.	June 21.	June 28.	July 5.	July 12.	July 19.	July 26.
Births	1487	1572	1467	1434	1533	1446	1292	1482	1439	1530	1346	1407	1383
Deaths	994	1041	1002	1000	990	961	931	968	1032	1003	881	873	956
Deaths (except from Violence) . . .	965	1012	965	990	960	938	900	925	953	950	869	853	936
Deaths (except from Violence) at 60 years and upwards . .	216	191	177	197	181	175	171	163	174	193	156	170	168
Scarlatina	13	11	9	17	10	15	24	19	14	22	13	6	18
Typhus	25	43	30	18	32	40	35	35	38	46	28	32	59
Diarrhœa & Dysentery	9	25	18	14	22	15	16	16	21	27	53	67	85
Cholera	..	..	..	..	..	..	1	1	1	5	9	8	12
Mean Temperature .	42°·8	47°·4	50°·9	53°·0	55°·6	55°·2	55°·9	60°·2	62°·3	62°·9	59°·6	58°·1	60°·0

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 60°·0—July 26.			
	57°·7 July 31 1841	59°·8 July 30 1842	58°·6 July 29 1843	67°·0 July 27 1844	59°·5 July 26 1845	62°·4 July 25 1846	63°·0 July 24 1847	61°·6 July 29 1848	58°·9 July 28 1849	63°·4 July 27 1850	Mean 61°·1 Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	778	882	749	1066	873	1003	905	1201	1931	898	10286	486	301	169	956
SPECIFIED CAUSES	769	869	745	1063	870	991	905	1199	1930	895	10236	486	301	169	956
1. Zymotic Diseases	132	160	150	290	186	308	242	505	1173	272	3418	219	49	14	282
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	36	60	68	54	49	43	42	25	38	37	452	2	20	9	31
3. Tubercular Diseases	191	210	183	192	194	189	183	207	188	170	1907	64	114	8	186
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	112	115	88	164	121	126	92	112	126	104	1160	58	32	31	121
5. Diseases of the Heart and Blood-vessels	15	15	17	30	28	27	29	26	45	33	265	2	11	13	26
6. Diseases of the Lungs, and of the other Organs of Respiration	84	66	69	91	89	61	77	79	86	74	776	42	19	24	85
7. Diseases of the Stomach, Liver, and other Organs of Digestion	71	83	57	92	82	65	70	81	75	52	728	21	25	8	54
8. Diseases of the Kidneys, &c.	8	7	1	8	12	16	8	11	10	14	95	1	6	9	16
9. Childbirth, Diseases of the Uterus, &c.	9	8	12	10	10	7	17	5	11	8	97	..	9	1	10
10. Rheumatism, Diseases of the Bones, Joints, &c.	4	6	6	4	6	8	5	6	7	6	58	..	3	3	6
11. Diseases of the Skin, Cellular Tissue, &c.	1	..	..	..	1	1	..	4	1	1	9	1	1	..	2
12. Malformations	..	..	1	3	1	1	6	5	5	6	28	1	..	..	1
13. Premature Birth & Debility	18	24	15	21	12	35	29	23	25	31	233	21	1	..	22
14. Atrophy	10	13	13	18	13	39	36	34	52	27	255	32	2	1	35
15. Age	52	56	46	53	49	38	34	31	34	31	424	..	..	46	46
16. Sudden	12	23	6	10	3	2	6	2	16	1	81	3	1	1	5
17. Violence, Privation, Cold, and Intemperance	14	23	13	23	14	25	29	43	38	28	250	19	8	1	28
1.—Small-pox	14	16	5	49	5	3	25	36	3	5	161	16	1	..	17
Measles	24	18	27	22	33	6	34	5	30	21	220	25	1	..	26
Scarlatina	8	28	32	82	13	11	18	119	32	23	366	17	1	..	18
Hooping Cough	31	18	28	18	30	39	15	25	27	25	256	35	..	..	35
Croup	3	7	5	6	6	5	5	3	3	5	48	3	..	..	3
Thrush	6	10	3	15	11	15	8	8	5	6	87	10	..	..	10
Diarrhœa	11	24	18	45	44	156	56	173	224	104	855	78	1	4	83
Dysentery	1	6	1	6	4	5	8	14	14	8	67	..	1	1	2
Cholera	..	2	2	6	2	26	3	26	783	13	863	11	..	1	12
Influenza	2	1	1	1	1	1	..	..	..	2	9	..	1	..	1
Purpura and Scurvy	..	..	1	1	1	..	..	2	2	2	9	..	..	..	..
Ague	..	..	..	..	1	..	..	2	1	..	4	..	..	1	1
Remittent Fever	1	..	..	1	1	..	1	..	2	3	9	..	..	..	..
Infantile Fever	*	*	*	*	*	*	*	..	1	1	2	1	..	..	1
Typhus	20	24	24	37	29	36	57	77	37	35	376	21	33	5	59
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	2	5	4	11	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	1	..	2	3	..	1	1	2
Erysipelas	10	4	2	1	3	3	10	9	4	9	55	1	6	1	8
Syphilis	1	1	1	..	2	2	1	3	..	4	15	..	..	..	..
Noma (or Canker)	*	*	*	*	..	..	1	..	..	..	1	1	..	..	1
Hydrophobia	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
2.—Hæmorrhage	2	4	3	5	2	6	2	3	4	4	35	..	2	1	3
Dropsy	21	32	46	24	31	16	17	5	16	12	220	2	5	3	10
Abscess	1	5	2	2	1	2	1	1	4	1	20	..	2	..	2
Ulcer	1	..	..	..	..	..	2	1	1	1	6	..	1	..	1
Fistula	..	..	..	..	..	2	..	2	..	1	5	..	..	..	..
Mortification	5	1	5	5	3	3	2	1	1	1	27	..	..	..	..
Cancer	5	17	12	16	12	13	18	12	12	16	133	..	10	5	15
Gout	1	1	..	2	..	1	..	..	..	1	6	..	..	..	..
3.—Scrofula	..	1	4	4	4	4	3	10	10	11	51	1	2	..	3
Tabes Mesenterica	2	6	13	15	16	20	25	26	23	12	158	17	1	..	18
Phthisis (or Consumption)	145	156	136	130	145	133	120	133	121	121	1340	22	111	8	141
Hydrocephalus	44	47	30	43	29	32	35	38	34	26	358	24	..	..	24

in the THIRTIETH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 60°·0—July 26.			
	57°·7	59°·8	58°·6	67°·0	59°·5	62°·4	63°·0	61°·6	58°·9	63°·4	Mean 61°·1				
	July 31	July 30	July 29	July 27	July 26	July 25	July 24	July 29	July 28	July 27	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
4.—Cephalitis	10	12	10	17	19	14	11	10	8	15	126	8	4	..	12
Apoplexy	11	18	10	32	26	21	18	18	28	19	201	2	11	13	26
Paralysis	16	16	13	20	16	11	16	24	17	18	167	1	6	12	19
Delirium Tremens	2	2	3	3	2	7	1	1	4	5	30	..	1	..	1
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy	2	3	1	7	1	5	3	7	10	6	45	1	1	1	3
Tetanus	..	..	..	..	1	1	..	2	..	..	4	..	..	..	..
Insanity	1	1	1	3	..	2	2	1	2	3	16	..	..	3	3
Convulsions	59	57	43	73	45	57	32	35	41	29	471	41	1	..	42
Disease of Brain, &c.	11	6	7	9	11	8	9	14	16	9	100	5	8	2	15
5.—Pericarditis	..	..	..	1	..	..	1	2	1	3	8	1	1	..	2
Aneurism	..	..	..	1	2	2	..	1	1	2	9	..	2	..	2
Disease of Heart, &c.	15	15	17	28	26	25	28	23	43	28	248	1	8	13	22
6.—Laryngitis	..	..	2	..	1	2	..	3	2	2	12	..	1	..	1
Bronchitis	6	6	7	13	7	15	24	33	32	30	173	14	8	18	40
Pleurisy	2	1	3	1	2	2	2	1	2	1	17	..	1	1	2
Pneumonia	57	40	35	50	63	27	28	27	39	30	396	27	4	1	32
Asthma	7	6	10	12	6	8	13	8	3	7	80	..	2	3	5
Disease of Lungs, &c.	12	13	12	15	10	7	10	7	8	4	98	1	3	1	5
7.—Teething	20	21	14	24	27	10	8	17	13	12	166	7	..	..	7
Quinsey	2	1	1	3	1	2	1	..	3	..	14	2	..	..	2
Gastritis, Enteritis	30	36	18	1 / 30	2 / 14	1 / 18	1 / 17	3 / 15	1 / 12	2 / 9	210	.. / 5	2 / 3	2 / ..	4 / 8
Peritonitis	1	2	2	3	6	3	4	9	4	2	36	1	..	..	1
Ascites	1	..	..	2	..	2	3	3	4	3	18	..	2	2	4
Ulceration (of Intestines)	1	1	1	2	3	4	2	3	1	3	21	..	..	..	..
Hernia	1	1	..	..	2	1	4	1	3	..	13	..	1	..	1
Ileus	1	2	2	4	4	1	1	2	3	3	23	2	1	1	4
Intussusception	1	..	1	..	..	1	..	2	1	1	7	1	..	..	1
Stricture of Intestinal Canal	..	..	1	1	..	1	..	..	1	1	5	..	..	1	1
Disease of Stomach, &c.	1	8	3	9	13	8	7	5	8	3	65	2	3	..	5
Disease of Pancreas	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Hepatitis	1	..	4	2	1	..	1	6	7	2	24	..	3	1	4
Jaundice	3	2	2	1	3	3	5	2	2	3	26	..	1	1	2
Disease of Liver	8	9	7	10	6	10	14	12	12	7	95	1	9	..	10
Disease of Spleen	..	..	1	..	..	..	1	1	..	1	4	..	..	..	..
8.—Nephritis	..	..	..	2	..	1	..	..	..	1	4	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	3	4	2	9	..	2	1	3
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diabetes	..	..	..	1	1	2	1	..	..	2	7	..	..	..	..
Stone	2	1	..	1	..	3	1	2	..	2	12	..	1	..	1
Cystitis	..	..	..	..	..	..	1	1	..	2	4	1	..	1	2
Stricture of Urethra	1	..	..	1	1	1	1	2	1	3	11	..	..	2	2
Disease of Kidneys, &c.	5	6	1	3	10	9	4	3	5	2	48	..	3	5	8
9.—Paramenia	..	..	..	..	..	..	2	..	..	..	2	..	..	..	..
Ovarian Dropsy	1	2	..	1	..	1	1	1	2	2	11	..	1	..	1
Childbirth (*see* Metria)	8	6	8	6	4	4	12	4	5	2	59	..	2	..	2
Disease of Uterus, &c.	..	..	4	3	6	2	2	..	4	4	25	..	6	1	7
10.—Arthritis	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
Rheumatism	3	..	2	2	2	5	3	3	6	3	29	..	2	3	5
Disease of Joints, &c.	1	6	3	2	4	3	2	3	1	3	28	..	1	..	1
11.—Carbuncle	..	..	..	..	..	..	..	1	..	1	2	..	..	..	..
Phlegmon	..	..	..	..	..	1	..	1	1	..	3	..	..	..	..
Disease of Skin, &c.	1	..	..	..	1	..	..	2	..	..	4	1	1	..	2
17.—Intemperance	..	..	2	1	2	..	..	..	..	2	7	..	..	..	..
Privation of Food	..	1	..	..	..	..	1	..	1	..	3	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	12	9	6	27	8	..	..	8
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	..	..	1	1	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	4	4	3	11	..	..	..	..
Hanging and Suffocation	*	*	*	*	*	*	*	1	3	3	7	1	1	..	2
Drowning	*	*	*	*	*	*	*	10	7	3	20	6	4	..	10
Fractures	*	*	*	*	*	*	*	14	10	8	32	4	3	1	8
Wounds	*	*	*	*	*	*	*	2	2	1	5	..	..	..	..
Other Violence	*	*	*	*	*	*	*	..	2	1	3	..	..	..	..
All Violence	14	22	11	22	12	25	28	31	28	20	213	11	8	1	20
Causes not specified	9	13	4	3	3	12	..	2	1	3	50	..	..	..	..

DEATHS Registered in the THIRTIETH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION in		Mean Temperature for the Week ending Saturday,											
			57°·7 July 31	59°·8 July 30	58°·6 July 29	67°·0 July 27	59°·5 July 26	62°·4 July 25	63°·0 July 24	61°·6 July 29	58°·9 July 28	63°·4 July 27	Mean 61°·1 Sum of 10 Weeks.	60°·0 July 26
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948369	2361640	778	882	749	1066	873	1003	905	1201	1931	898	10286	956
1–6. WEST DISTRICTS .	301189	376332	125	136	98	160	122	155	153	163	206	130	1448	156
7–11. NORTH DISTRICTS .	376568	490441	147	175	129	210	162	187	193	247	278	177	1905	209
12–19. CENTRAL DISTRICTS	374199	392986	150	181	138	189	185	185	137	200	274	158	1797	152
20–25. EAST DISTRICTS .	393067	485336	173	189	182	246	193	236	190	287	344	202	2242	198
26–36. SOUTH DISTRICTS .	503346	616545	183	201	202	261	211	240	232	304	829	231	2894	241
1. Kensington . . . HL	74898	119990	36	35	24	41	29	49	36	45	42	53	390	42
2. Chelsea . . . . *W*H	40243	56543	16	18	18	21	29	23	24	14	44	17	224	26
3. St. George Hanover-sq. H	66657	73207	26	27	14	23	18	34	25	22	30	20	239	27
4. Westminster. . HHPP	56802	65609	26	28	24	44	25	18	35	50	48	18	316	32
5. St. Martin-in-the-Flds. H	25132	24557	12	10	9	12	6	12	18	10	16	5	110	14
6. St. James Westminster .	37457	36426	9	18	9	19	15	19	15	22	26	17	169	15
7. Marylebone . . . H	138383	157679	54	65	54	75	49	69	81	76	104	50	677	69
8. Hampstead	140078	11986	*	*	*	*	*	*	2	4	3	2	11	4
9. Pancras . . . *W*HH		167198	67	74	54	89	82	70	66	94	96	79	771	69
10. Islington . . . HP	55779	95154	15	22	12	32	19	30	27	49	43	26	275	47
11. Hackney . . . . H	42328	58424	11	14	9	14	12	18	17	24	32	20	171	20
12. St. Giles	54378	54062	35	24	15	35	23	25	17	35	36	26	271	26
13. Strand (wkh. in 9) . H	43667	44446	11	27	15	22	19	18	16	21	29	18	196	17
14. Holborn	44532	46571	17	29	13	33	22	17	18	30	31	18	228	25
15. Clerkenwell . . PP	56799	64705	16	21	26	25	26	33	28	26	28	21	250	25
16. St. Luke (wkh. in 20) L	49908	54058	18	26	13	26	31	24	17	24	31	18	228	20
17. East London . . . P	39718	44407	19	14	23	14	17	20	13	20	22	16	178	12
18. West London *W*HPPP	29188	28829	18	20	21	18	31	22	13	25	62	24	254	16
19. City of Lon. (wkh. in 25)	56009	55908	16	20	12	16	16	26	15	19	35	17	192	11
20. Shoreditch . . *W*L	83564	109209	38	37	36	52	52	60	48	88	71	43	525	48
21. Bethnal Green . . L	74206	90170	29	41	27	53	28	34	32	46	56	34	380	33
22. Whitechapel . . . H	71879	79756	48	33	39	51	34	47	40	46	71	38	447	38
23. St. George-in-the-East .	41416	48375	13	26	22	28	20	32	20	28	24	18	231	26
24. Stepney . . . . H	90831	110669	34	37	44	50	43	45	37	44	75	47	456	39
25. Poplar. . . . *W*L	31171	47157	11	15	14	12	16	18	13	35	47	22	203	14
26. St. Saviour . . HH	33027	35729	15	19	12	19	12	17	22	25	54	17	212	15
27. St. Olave . . . HH	19869	19367	21	19	18	14	20	27	19	29	51	15	233	15
28. Bermondsey	35002	48128	10	12	20	24	18	16	19	19	91	23	252	27
29. St. Geo. Southwk. LPP	46718	51825	18	20	19	36	17	19	21	22	94	11	277	22
30. Newington . . . P	54693	64805	22	20	39	32	20	21	15	27	101	26	323	21
31. Lambeth	116072	139240	44	33	39	62	58	54	58	55	173	52	628	57
32. Wandsworth . . . L	39918	50770	*	*	*	12	17	10	14	26	37	19	135	9
33. Camberwell . . . LL	39931	54668	11	10	20	16	14	21	13	25	67	15	212	23
34. Rotherhithe	13940	17778	2	11	5	9	3	4	5	4	53	6	102	14
35. Greenwich . HHHP	81125	99404	40	57	30	37	32	51	42	62	96	41	488	28
36. Lewisham. . . . *W*	23051	34831	*	*	*	*	*	*	4	10	12	6	32	10

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 10286; which divided by 10 gives 1029 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 1029 divided by 10 is about 103, which added to 1029, makes the corrected average 1132. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 161 in 10 weeks; the average was 16; the corrected average 18. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831–41; 1·998 *per cent.* annually in the ten years, 1841–51; and 1·778 *per cent.* annually in the fifty years, 1801–51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5{\cdot}5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	1	1
2 Chelsea [North West]	.	1	1
2 *St. George Hanover Square* [*Chelsea N.W.*]	.	2	2
3 St. George Hanover Square [May Fair]	2	.	2
4 Westminster [St. Margaret]	.	.	.
5 St. Martin-in-the-Fields [Charing Cross]	1	.	1
6 St. James Westminster [Golden Square]	.	.	.
7 Marylebone [Rectory]	5	5	10
9 *Strand* [*Tottenham Court*]	.	.	.
9 Pancras [Camden Town]	1	2	3
10 Islington [West]	.	.	.
11 Hackney [Hackney]	.	1	1
12 St. Giles [South]	2	2	4
14 Holborn [St. Andrew East]	1	.	1
15 Clerkenwell [St. James]	.	.	.
17 East London [St. Botolph]	.	1	1
18 *East London* [*West London North*]	.	.	.
18 West London [North]	1	.	1
20 Shoreditch [Haggerstone West]	1	2	3
20 *St. Luke* [*Hoxton New Town*]	.	.	.
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	1	.	1
22 Whitechapel [North]	2	1	3
23 Saint-George-in-the-East [St. John]	1	2	3
24 Stepney [Shadwell]	.	2	2
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	3	.	3
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City* [*Bow*]	3	2	5
25 Poplar [Poplar]	.	.	.
26 St. Saviour [Christchurch]	.	1	1
27 St. Olave [St. John Horselydown]	2	1	3
28 Bermondsey [St. Mary Magdalen]	.	.	.
29 St. George Southwark [Borough Road]	1	1	2
30 Newington [St. Peter Walworth]	2	1	3
31 Lambeth [Lambeth Church 2d]	.	1	1
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	1	.	1
33 Camberwell [Camberwell]	2	.	2
34 Rotherhithe	.	.	.
35 Greenwich [East]	.	.	.
36 Lewisham [Village]	1	.	1
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	33	29	62

HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	4	.	4
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	.	.	.
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	4	.	4
General Hospitals:			
3 St. George [Belgrave]	3	1	4
4 Westminster [St. Margaret]	.	1	1
5 Charing Cross [Charing Cross]	1	.	1
7 Middlesex [All Souls]	2	3	5
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's Inn Lane]	1	1	2
13 King's College [St. Clement Danes]	1	.	1
18 St. Bartholomew [West London North]	.	3	3
22 London [Whitechapel Church]	3	.	3
27 Guy's [St. Olave and St. Saviour]	3	1	4
27 St. Thomas [St. Olave & St. Saviour]	.	3	3
Total	14	13	27
Hospitals for Special Diseases:			
10 Small Pox [Islington West]	2	.	2
10 Fever [Islington West]	1	6	7
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	2	2
Total	3	8	11

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northum. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	1	.	1
21 Warburton's [Bethnal Green]	2	.	2
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	2	2
33 Peckham House [Camberwell]	.	1	1
33 Camberwell House [Camberwell]	.	.	.
Total	3	3	6
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	2	.	2
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	2	.	2
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.

PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	1	1
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	1	1

Workhouses	33	29	62
Military and Naval Asylums	4	.	4
General Hospitals	14	13	27
Hospitals for Special Diseases	3	8	11
Lying-in-Hospitals	.	.	.
Lunatic Asylums	3	3	6
Military and Naval Hospitals	2	.	2
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	1	1
Total in Public Institutions	59	54	113

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 26th July 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
July.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday .	20	..	29·602	73·4	52·9	63·0	56·7	..	52·0	..	..	6·3	7·2	5·0	+1·3	S.	S.W.	6·0	0·0	1·9	230	0·02
Monday .	21	Last Quarter.	29·889	74·6	50·7	62·2	50·3	77·0	43·2	..	..	11·9	15·9	2·1	+0·8	W.	W.N.W.	1·0	0·0	0·0	55	0·00
Tuesday .	22	..	29·875	75·2	46·0	61·6	50·1	87·0	39·0	..	..	11·5	15·5	3·0	+0·4	Calm	E.S.E.	0·0	0·0	0·0	70	0·00
Wednesday	23	..	29·512	69·6	56·0	59·6	58·7	73·0	43·0	..	..	0·9	5·9	2·0	—1·6	E.S.E.	N.W.	0·0	0·0	0·0	80	1·44
Thursday .	24	..	29·385	60·2	55·2	55·7	53·0	..	57·0	..	..	1·8	2·6	0·0	—7·1	N.W.	N.N.W. & N.	0·0	0·0	0·0	40	0·54
Friday . .	25	..	29·361	70·2	53·8	59·6	52·2	75·0	53·8	65·0	63·0	7·4	12·6	2·8	—1·6	Calm	N.N.E.	0·0	0·0	0·0	70	0·00
Saturday .	26	Greatest Dec. N.	29·567	68·7	50·6	58·6	51·6	71·0	52·0	65·0	63·0	7·0	11·2	3·4	—2·7	N.N.E.	W.	2·0	0·0	0·1	115	0·07
Means . .		..	29·599	70·3	57·2	60·0	53·2	76·6	48·6	65·0	63·0	6·7	10·1	2·6	—1·5	W. & N.W.		..	..	..	Sum 660	Sum 2·07
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

Sunday . .	Nothing was shown at any examination.
Monday. .	Positive, and tension strong during the evening.
Tuesday .	Positive, and tension weak at noon.
Wednesday	Nothing was shown throughout the day.
Thursday .	Nothing was shown throughout the day.
Friday . .	Positive, and tension strong during the afternoon.
Saturday .	Nothing was shown throughout the day.

GENERAL REMARKS.

The sky was covered with cloud throughout the day; cirrostratus and scud; rain fell generally.

The sky was free from cloud till noon, one half covered till 5h. P.M., and clear during the remainder of the day; cirrostratus and fleecy clouds.

The sky was clear during the morning, during the afternoon one half was covered, and overcast at night; cumuli, cirrostrati, and fleecy clouds.

The sky was covered with cirrostratus and scud throughout the day; rain fell heavily till 0h. 30m. P.M. and again from 4h. 30m. P.M. till midnight; distant thunder was heard during the afternoon.

The sky was overcast throughout the day; cirrostratus and scud. Rain was falling throughout the day.

The sky, with slight exceptions, was covered with cloud throughout the day; cumulostratus, cirrostratus, and fleecy clouds.

The sky was covered with cloud till near 10h. P.M., and clear afterwards; a shower of rain fell at 4h. 30m. P.M.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R.S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, —*lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M. was 59·5°; and the mean reading at 9h. P.M. was 59·3°; the mean readings at the Royal Observatory for the same times were 61·4° and 57·5° respectively. From July 24 new thermometers were used.

The reading of the barometer decreased from 29·71 in. at the beginning of the week to 29·61 in. on the 20th at 10h. A.M.; increased to 29·92 in. by 9h. A.M. on the 21st; decreased to 29·35 in. by 9h. A.M. on the 24th; increased to 29·43 in. by 9h. P.M. on the same day; decreased to 29·35 in. by 9h. A.M. on the 25th; increased after 3h. P.M. on the same day to 29·65 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, August 2. [No. 31.

HEALTH OF LONDON DURING THE WEEK.

The mortality exhibits a continued tendency to increase; the deaths in London, which in the three preceding weeks of July were successively 881, 873, 956, rose in the last week to 1010. The average number of deaths in the ten corresponding weeks of 1841–50 was 1028, and with the same rate of mortality amongst a population equal to the present number of inhabitants it would have been 1131; but excluding 1849 from the account, in the corresponding week of which year cholera had raised the mortality from all causes to nearly 2000, the number of deaths registered last week does not differ materially from the average thus obtained and corrected for increase of population.

While the persons who sunk under diseases of the respiratory organs were 84, almost exactly the same number as in the preceding week which showed a decided reduction, and while phthisis, one of the tubercular class, has fallen to 122, the complaints classed as "epidemic" continue to increase rapidly. Epidemics were fatal in the two previous weeks in 209 and 282 cases respectively, and in last week the number rose to 333.

This increase arises from diarrhœa, the growing prevalence of which, concurrently with the approach of autumn, is shown by the numbers of the last five weeks, namely, 23, 53, 64, 83, and (in week ending last Saturday) 143. The number now returned does not exceed the usual weekly amount at this period during the last five years; but it would appear from a review of the last decennial period that the fatality of this disease among children has of late years increased to an enormous extent.

It will be seen that the Registrars specify local nuisances in connexion with the appearance of diarrhœa in particular instances. A child died of it, as reported in the last return, in a house in Payne-street, Islington; another has since been registered, and now the father and a third child are suffering. The smell of a drain, which the Registrar describes as "overpowering," is considered the exciting cause.

Twelve fatal cases of cholera were registered in the previous week, and the same number appears in the present; the following are the particulars:—

In Paddington, St. John, at 3 Market-street, on 29th July, the daughter of a servant, aged 2 months, died of "English cholera (40 hours)."

In the same sub-district at 18 Cambridge-place, on 30th July, the daughter of a servant, aged 1 year, "cholera infantum (4 days)," *post mort.*

In Chelsea, North-west sub-district, in "The Vale," on 28th July, the son of a gentleman, aged 5 months, "cholera infantum."

In the sub-district of Charing-cross, in the workhouse, on 28th July, the widow of a brewer, aged 44 years, "cholera (3 days)." Mr. Leonard states, that "this case was brought from No. 16 Bedfordbury. Since the sanitary inspection in the spring of 1849 the cesspool has been removed, and a trapped pan supplied with

water upon a drain has been substituted. The supply of water is good in quantity, but bad in quality, and the butt is uncovered, while the dustbin which contains decomposing vegetable matters is also uncovered. The rooms, though small, are clean. The patient, who was formerly a nurse in Guy's, St. Thomas, and Charing-cross hospitals, was of regular habits. Diarrhœa continues prevalent."

In sub-district of Berwick-street, at 7 Rupert-street, on 26th July, the keeper of an eating-house, aged 42 years, "English cholera (3 days), delirium cum tremore (2 days), apoplexy."

In Regent's-park sub-district, at 89 Albany-street, on 28th July, an engraver, aged 49 years, "cholera, exhaustion (8 days)."

In Tottenham-court sub-district, at 17 Fitzroy-market, on 24th July, the daughter of a bricklayer, aged 2 years, "English cholera (7 days), chronic bronchitis (4 months)."

In Clerkenwell, at 3 Suffolk-street, on 28th July, the son of a tailor, aged 1 year, "English cholera, exhaustion."

At 8 Rose-alley, Bishopsgate, on 29th July, the son of a labourer aged 11 months, "choleraic diarrhœa (3 days)." Mr. Spencer describes this as "a close and crowded neighbourhood; the parents of the deceased are Irish, and with his wife and four children, and his sister (a widow) with two children, making altogether nine persons, occupy a single apartment."

In sub-district of Hackney-road, in Bird-cage-walk, on 30th July, the son of a licensed victualler, aged 3 months, "cholera infantum (4 days)."

In Town sub-district of Bethnal-green, at 11 Princes-court, on 28th July, the daughter of a trimming manufacturer, aged 5 weeks, "infantile cholera (12 days)."

In Spitalfields, at 63 Wentworth-street, on 28th July, the daughter of a labourer, aged 2 months, "infantile cholera (4 days), cerebral congestion (24 hours)."

The number of deaths from cholera now returned is not greater than is usual in a week at the end of July in ordinary years; and it appears from the above list, that with the exception of three cases, which occurred to persons between 40 and 50 years, the sufferers were children of very tender age.

The births of 773 boys and 678 girls, in all 1451 children, were registered last week. The average number in six corresponding weeks of 1845–50 was 1312.

At the Royal Observatory, Greenwich, the mean height of the barometer in the week was 29·765 in. The mean temperature was 63·4°, which is 2 degrees above the average of the same week in ten years. The highest temperature occurred on Friday and Saturday, when the means were 68·3° and 66·1° respectively, being from 5 to 7 degrees above the averages of the same days. The wind blew for the most part from the south-west, but was generally calm.

The following selections are made from the Registrars' Reports :—

In Mary-le-bone, St. John, at 17 Townshend-cottages, on 1st August, the son of a labourer, aged 6 weeks, died of "infantile diarrhœa." Dr. Bach'hoffner, the Registrar, states, on the information of the gentleman who attended deceased, that "the residence is very badly ventilated; the house, which has six rooms, is occupied by five families; the inhabitants regularly occupying the ground and first floors number 17 persons; and the two rooms above are let nightly for lodgings, and frequently as many as ten persons sleep in them."

In Islington, West sub-district, at 12 Payne-street, on 31st July, the son of a greengrocer, aged 5 years, died of "diarrhœa (10 days)." In the same family (says Mr. Watts) the death of a child from diarrhœa was reported last week. Another is lying ill of the same complaint, and the father has just shown symptoms of approaching diarrhœa. The Registrar has applied to the Inspecting Officer of the parish to communicate with the landlord on account of the smell from the drain, which is overpowering.

In Hackney, West sub-district, at 12 Tottenham-square, on the first and second of August respectively the son and daughter of a watchmaker, aged 6 months and 5 years, died of "variola, natural," the former after 8 days', the latter after 6 days' illness. Mr. Dancaster states that "neither of the children had been vaccinated;

another child in the family, also unvaccinated, now lies very ill with small-pox; no sewer is attached to the house, and the smell from the cesspool is very offensive."

In sub-district of South St. Giles-in-the-Fields, at 2 New-yard, on 31st July, the son of a porter, aged 1 month, died of "debility (from birth), diarrhœa (3 weeks)." Mr. Faulkner mentions that when he registered the birth of this child there was a heap of oyster-shells and other rubbish at the foot of the stairs, and an open privy outside close to the house, the whole emitting the most abominable smell. The house, which is generally inhabited by the Irish, is very dirty. He also states that a case of typhus which he registered in the workhouse, and which occurred to a female servant aged 63 years, is the eighth that has taken place in that house since the 21st June.

In the sub-district of North St. Giles seven deaths occurred in the week, diarrhœa having been the fatal disease in one case and small-pox in another. Mr. Simpson calls attention to the fact that with one exception all the seven occurred in "the Rookery," a locality which is destitute of sanitary arrangements.

Births Registered last Week, and in the Thirty-first Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
Total . . .	1143	1229	1324	1300	1393	1484	1312	1451
Males . . .	565	635	665	658	703	772	666	773
Females . .	578	594	659	642	690	712	646	678

Deaths Registered last Week, and in the Thirty-first Week of Ten previous Years.

	Ages.	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
Total . .		759	890	816	1014	827	1086	964	1038	1967	917	1027·8	1010*
Males . .		377	466	453	546	416	533	494	518	993	462	525·8	512
Females .		382	424	363	468	411	553	470	520	974	455	502·0	498
Deaths at three periods of life . .	0—15	372	470	387	564	437	590	516	604	833	485	525·8	541
	15—60	265	260	276	297	245	281	291	280	815	288	329·8	269
	60 & up.	121	160	151	150	144	214	156	152	318	144	171·0	196

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

* The return of deaths for the sub-district, South-west City of London, was not received in time for insertion in the Tables. An average of 4, derived from the facts of the previous six weeks, is inserted instead, and in the Table of Diseases placed to *Causes not specified*. The true number is now ascertained to be 6.

Births and Deaths Registered in London in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	May 10.	May 17.	May 24.	May 31.	June 7.	June 14.	June 21.	June 28.	July 5.	July 12.	July 19.	July 26.	Aug. 2.
Births	1572	1467	1434	1533	1446	1292	1482	1439	1530	1346	1407	1383	1451
Deaths	1041	1002	1000	990	961	931	968	1032	1003	881	873	956	1010
Deaths (except from Violence) . . .	1012	965	990	960	938	900	925	953	950	869	853	936	992
Deaths (except from Violence) at 60 years and upwards . .	191	177	197	181	175	171	163	174	193	156	170	168	192
Scarlatina	11	9	17	10	15	24	19	14	22	13	6	18	14
Typhus	43	30	18	32	40	35	35	38	46	28	32	59	53
Diarrhœa & Dysentery	25	18	14	22	15	16	16	21	27	53	67	85	146
Cholera	..	..	..	..	..	1	1	1	5	9	8	12	12
Mean Temperature .	47°·4	50°·9	53°·0	55°·6	55°·2	55°·9	60°·2	62°·3	62°·9	59°·6	58°·1	60°·0	63°·4

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851			
	59°·6 Aug. 7	64°·0 Aug. 6	58°·5 Aug. 5	59°·5 Aug. 3	56°·5 Aug. 2	69°·1 Aug. 1	65°·0 July 31	60°·0 Aug. 5	59°·5 Aug. 4	61°·3 Aug. 3	Mean 61°·3 Sum of 10 Weeks.	63°·4—Aug. 2.			
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		0	15	60	All Ages.
ALL CAUSES	759	890	816	1014	827	1086	964	1038	1967	917	10278	541	269	196	1010†
SPECIFIED CAUSES	753	883	812	1009	826	1083	962	1038	1963	917	10246	541	269	196	1006
1. Zymotic Diseases	131	200	169	279	169	330	307	434	1308	277	3604	259	49	25	333
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	52	57	46	47	47	36	38	36	41	40	440	2	17	19	38
3. Tubercular Diseases	182	185	169	190	172	219	176	176	164	174	1807	77	100	5	182
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	93	112	127	137	129	108	109	101	110	99	1125	48	22	37	107
5. Diseases of the Heart and Blood-vessels	11	20	25	24	23	29	23	25	50	38	268	3	19	14	36
6. Diseases of the Lungs, and of the other Organs of Respiration	75	77	59	87	81	86	68	60	85	70	748	42	14	28	84
7. Diseases of the Stomach, Liver, and other Organs of Digestion	88	81	66	85	83	82	64	70	64	61	744	30	23	18	71
8. Diseases of the Kidneys, &c.	4	7	4	9	5	9	13	17	11	10	89	1	2	2	5
9. Childbirth, Diseases of the Uterus, &c.	7	5	4	11	4	19	9	10	3	7	79	..	10	1	11
10. Rheumatism, Diseases of the Bones, Joints, &c.	6	4	9	5	6	6	9	6	5	11	67	5	2	1	8
11. Diseases of the Skin, Cellular Tissue, &c.	1	3	..	..	..	1	1	1	1	3	11	2	..	..	2
12. Malformations	..	..	1	2	..	8	4	3	1	3	22	1	..	..	1
13. Premature Birth & Debility	14	30	27	26	19	25	21	25	30	34	251	32	2	..	34
14. Atrophy	13	10	9	13	20	48	45	30	18	32	238	22	2	..	24
15. Age	47	56	53	51	50	51	33	24	37	30	432	..	..	41	41
16. Sudden	10	10	7	8	2	2	7	3	12	2	63	1	..	1	2
17. Violence, Privation, Cold, and Intemperance	19	26	37	35	16	24	35	17	23	26	258	16	7	4	27
1.—Small-pox	9	6	6	44	6	3	25	32	11	13	155	15	..	..	15
Measles	15	32	21	13	43	6	44	9	21	11	215	24	..	..	24
Scarlatina	20	31	41	75	10	23	16	97	44	20	377	14	..	..	14
Hooping Cough	37	18	29	13	31	30	16	24	33	18	249	37	..	..	37
Croup	4	8	6	10	5	2	2	5	6	6	54	5	..	..	5
Thrush	6	13	3	11	9	11	7	7	7	8	82	3	..	..	3
Diarrhœa	7	40	12	54	37	186	111	141	179	136	903	119	9	15	143
Dysentery	2	8	5	5	2	9	7	13	19	7	77	2	..	1	3
Cholera	1	9	2	12	2	23	7	21	926	11	1014	9	3	..	12
Influenza	1	1	1	..	..	1	1	..	..	..	5	..	1	1	2
Purpura and Scurvy	1	2	..	2	2	1	4	3	2	2	19	1	..	..	1
Ague	..	1	1	..	..	1	1	..	..	..	4	..	..	..	..
Remittent Fever	..	..	..	..	1	2	1	4	4	..	12	6	..	..	6
Infantile Fever	*	*	*	*	*	*	*	..	1	2	3	..	..	..	..
Typhus	23	29	36	33	17	25	54	55	39	32	343	17	29	7	53
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	6	2	1	9	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	2	..	3	5	1	2	..	3
Erysipelas	4	2	3	6	2	6	8	10	12	3	56	2	1	1	4
Syphilis	1	..	3	1	1	1	1	5	2	4	19	2	1	..	3
Noma (or Canker)	*	*	*	*	1	..	2	..	..	..	3	2	..	..	2
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	5	1	5	1	3	4	3	2	3	5	32	..	3	..	3
Dropsy	36	38	20	36	27	14	18	15	20	17	241	2	1	9	12
Abscess	3	2	4	1	3	1	2	3	2	2	23	..	..	1	1
Ulcer	..	..	..	..	..	..	3	..	2	..	5	..	..	..	..
Fistula	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Mortification	2	3	2	3	2	3	1	4	3	..	23	..	..	2	2
Cancer	5	11	15	6	10	13	11	12	10	15	108	..	13	5	18
Gout	1	2	..	..	2	1	..	..	..	1	7	..	..	2	2
3.—Scrofula	1	1	4	5	4	3	7	5	6	2	38	4	2	..	6
Tabes Mesenterica	5	8	8	8	20	30	18	29	21	20	167	22	..	..	22
Phthisis (or Consumption)	139	141	126	145	118	142	125	114	111	122	1283	19	98	5	122
Hydrocephalus	37	35	31	32	30	44	26	28	26	30	319	32	..	..	32

† See Note, page 243.

in the THIRTY-FIRST Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 63°·4—Aug. 2.			
	59°·6 Aug. 7 1841	64°·0 Aug. 6 1842	58°·5 Aug. 5 1843	59°·5 Aug. 3 1844	56°·5 Aug. 2 1845	69°·1 Aug. 1 1846	65°·0 July 31 1847	60°·0 Aug. 5 1848	59°·5 Aug. 4 1849	61°·3 Aug. 3 1850	Mean 61°·3 Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	6	8	11	15	9	18	11	6	11	7	102	5	2	..	7
Apoplexy	11	9	15	16	21	16	22	21	26	17	174	2	7	13	22
Paralysis	9	17	14	14	15	15	9	14	15	19	141	..	3	21	24
Delirium Tremens	1	1	6	2	2	2	3	2	3	2	24	..	5	..	5
Chorea	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Epilepsy	2	3	7	3	1	8	2	7	9	5	47	2	2	..	4
Tetanus	..	..	1	..	1	..	1	..	..	..	3	..	..	..	..
Insanity	..	1	2	..	..	1	3	..	..	2	9	..	1	..	1
Convulsions	58	62	55	77	65	32	52	36	37	36	510	38	..	..	38
Disease of Brain, &c.	6	11	16	10	15	16	6	14	9	11	114	1	2	3	6
5.—Pericarditis	..	1	..	2	1	1	..	3	3	1	12	1	1	..	2
Aneurism	..	..	1	1	1	..	1	..	2	3	9	..	3	1	4
Disease of Heart, &c.	11	19	24	21	21	28	22	22	45	34	247	2	15	13	30
6.—Laryngitis	1	..	1	..	..	3	1	4	..	4	14	1	..	..	1
Bronchitis	5	7	8	7	14	29	22	19	30	22	163	12	8	19	39
Pleurisy	..	..	1	2	1	5	1	1	2	1	14	1	1	..	2
Pneumonia	49	53	34	54	46	35	31	23	44	28	397	28	1	4	33
Asthma	13	5	8	10	6	4	6	5	4	7	68	..	1	3	4
Disease of Lungs, &c.	7	12	7	14	14	10	7	8	5	8	92	..	3	2	5
7.—Teething	28	23	17	25	20	14	8	10	12	7	164	11	..	..	11
Quinsey	1	1	3	3	..	1	1	1	4	2	17	1	..	..	1
Gastritis }	30	37	14	3	2	4	..	4	1	3	215	..	2	2	4
Enteritis }				24	20	23	11	21	13	5		5	5	2	12
Peritonitis	..	2	2	5	4	2	3	1	5	3	27	2	2	1	5
Ascites	..	1	1	3	1	..	1	2	3	3	15	1	1	3	5
Ulceration (of Intestines)	2	2	2	3	2	2	5	1	4	2	25	..	2	2	4
Hernia	3	1	1	1	1	2	2	1	1	..	13	1	1	1	3
Ileus	2	2	1	1	4	6	3	2	2	5	28	2	2	..	4
Intussusception	..	..	..	..	..	..	2	1	1	1	5	..	1	..	1
Stricture of Intestinal Canal	1	..	..	..	1	..	2	..	..	2	6	..	..	..	..
Disease of Stomach, &c.	7	1	4	11	8	7	10	5	4	6	63	2	1	2	5
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	2	1	5	1	2	5	4	7	3	4	34	..	2	..	2
Jaundice	1	..	1	1	1	1	4	3	1	5	18	4	..	..	4
Disease of Liver	11	10	14	4	17	15	8	11	10	13	113	1	4	5	10
Disease of Spleen	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
8.—Nephritis	1	..	..	..	..	1	..	..	1	..	3	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	4	3	1	8	..	1	1	2
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diabetes	..	1	..	..	..	..	1	1	..	1	4	..	..	..	..
Stone	1	..	..	..	..	..	1	1	..	1	4	..	..	..	..
Cystitis	..	..	..	1	..	..	1	1	1	..	4	..	1	..	1
Stricture of Urethra	..	..	2	2	..	1	..	1	1	2	9	..	..	1	1
Disease of Kidneys, &c.	2	6	2	6	5	7	10	9	5	5	57	1	..	..	1
9.—Paramenia	..	..	..	..	..	1	..	..	1	..	2	..	..	..	..
Ovarian Dropsy	..	..	..	..	..	3	1	..	1	2	7	..	1	..	1
Childbirth (*see* Metria)	2	4	2	9	2	12	4	6	1	2	44	..	4	..	4
Disease of Uterus, &c.	5	1	2	2	2	3	4	4	..	3	26	..	5	1	6
10.—Arthritis	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Rheumatism	4	4	3	..	3	4	2	2	5	6	33	3	..	..	3
Disease of Joints, &c.	2	..	6	5	3	2	6	4	..	5	33	2	2	1	5
11.—Carbuncle	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Phlegmon	..	..	..	..	..	1	1	1	1	1	5	..	..	..	..
Disease of Skin, &c.	1	3	..	..	..	..	..	..	..	1	5	2	..	..	2
17.—Intemperance	..	1	..	1	..	2	2	1	1	..	8	..	1	..	1
Privation of Food	..	..	4	1	1	1	2	..	..	..	9	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	5	8	12	25	8	..	..	8
Neglect	*	*	*	*	*	*	*	1	..	..	1	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	3	2	1	6	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	1	2	1	4	..	1	..	1
Hanging and Suffocation	*	*	*	*	*	*	*	1	1	..	2	2	1	..	3
Drowning	*	*	*	*	*	*	*	2	2	3	7	3	1	..	4
Fractures	*	*	*	*	*	*	*	3	7	6	6	3	1	3	7
Wounds	*	*	*	*	*	*	*	..	..	..	..	..	2	1	3
Other Violence	*	*	*	*	*	*	*	..	..	3	3	..	..	..	..
All Violence	19	25	33	33	15	21	31	10	14	14	215	8	6	4	18
Causes not specified	6	7	4	5	1	3	2	..	4	..	32	..	..	..	4†

†See Note, page 243.

DEATHS Registered in the THIRTY-FIRST WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION* in		Mean Temperature for Week ending Saturday,											
			59°·6 Aug. 7	64°·0 Aug. 6	58°·5 Aug. 5	59°·5 Aug. 3	56°·5 Aug. 2	69.1 Aug. 1	65°·0 July 31	60°·0 Aug. 5	59°·5 Aug. 4	61°·3 Aug. 3	Mean 61°·3 Sum of 10 Weeks.	63°·4 Aug. 2
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948369	2361640	759	890	816	1014	827	1086	964	1038	1967	917	10278	1010
1-6. WEST DISTRICTS .	301189	376332	110	130	119	147	129	151	153	137	205	119	1400	145
7-11. NORTH DISTRICTS .	376568	490441	132	197	146	202	162	238	200	218	227	190	1912	200
12-19. CENTRAL DISTRICTS	374199	392986	158	165	148	220	163	199	195	182	265	166	1861	188
20-25. EAST DISTRICTS .	393067	485336	175	225	204	204	205	264	202	241	332	194	2246	241
26-36. SOUTH DISTRICTS .	503346	616545	184	173	199	241	168	234	214	260	938	248	2859	236
1. Kensington . . . HL	74898	119990	40	30	26	33	37	44	29	26	52	32	349	38
2. Chelsea . . . . *W*H	40243	56543	17	24	24	13	19	21	29	25	38	20	230	25
3. St. GeorgeHanover-sq. H	66657	73207	18	15	22	33	26	30	37	31	39	27	278	17
4. Westminster . HHPP	56802	65609	20	27	28	36	27	27	32	34	34	22	287	36
5. St. Martin-in-the-Flds. H	25132	24557	6	22	11	14	12	13	13	8	21	5	125	8
6. St. James Westminster .	37457	36426	9	12	8	18	8	16	13	13	21	13	131	21
7. Marylebone . . . H	138383	157679	53	75	60	78	63	85	62	90	85	70	721	61
8. Hampstead . . . . }	140078	11986	*	*	*	*	*	*	7	3	3	3	16	1
9. Pancras . . . *W*HH }		167198	45	81	59	81	59	97	87	72	78	66	725	81
10. Islington . . . HP	55779	95154	21	27	13	26	24	30	22	30	40	35	268	32
11. Hackney . . . . H	42328	58424	13	14	14	17	16	26	22	23	21	16	182	25
12. St. Giles	54378	54062	21	19	18	26	26	22	29	18	39	28	246	27
13. Strand (wkh. in 9) . H	43667	44446	19	18	15	23	21	18	10	19	31	12	186	15
14. Holborn	44532	46571	18	19	14	25	20	22	26	20	23	17	204	25
15. Clerkenwell . . PP	56799	64705	20	22	19	33	23	41	29	29	32	27	275	35
16. St. Luke (wkh. in 20) L	49908	54058	18	28	26	23	34	29	24	31	42	25	280	34
17. East London . . . P	39718	44407	11	16	20	24	12	27	26	27	23	20	206	24
18. West London *W*HPPP	29188	28829	30	22	17	39	9	22	32	19	50	19	259	14
19. City of Lon. (wkh. in 25)	56009	55908	21	21	19	27	18	18	19	19	25	18	205	14
20. Shoreditch . . *W*L	83564	109209	42	58	48	38	56	60	49	69	61	50	531	67
21. Bethnal Green . . L	74206	90170	35	39	33	41	32	41	36	43	56	23	379	36
22. Whitechapel . . . H	71879	79756	35	43	37	50	30	55	41	37	74	37	439	41
23. St. George in the East .	41416	48375	12	21	24	17	28	32	25	21	33	21	234	25
24. Stepney . . . . H	90831	110669	37	47	49	48	46	43	35	51	75	37	468	52
25. Poplar . . . *W*L	31171	47157	14	17	13	10	13	33	16	20	33	26	195	20
26. St. Saviour . . HH	33027	35729	14	13	9	24	10	8	15	23	71	19	206	23
27 St. Olave . . . HH	19869	19367	17	28	22	15	5	13	21	12	65	18	216	9
28. Bermondsey	35002	48128	19	19	21	17	15	24	17	16	103	15	266	18
29. St. Geo. Southwk. LPP	46718	51825	17	11	17	28	21	19	11	26	133	21	304	18
30. Newington . . . P	54693	64805	25	16	18	23	23	23	26	19	115	19	307	22
31. Lambeth	116072	139240	43	43	46	57	40	54	41	55	209	51	639	59
32. Wandsworth . . . L	39918	50770	*	*	*	13	6	24	14	9	43	27	136	13
33. Camberwell . . . LL	39931	54668	15	13	20	12	10	15	18	31	67	20	221	15
34. Rotherhithe	13940	17778	6	6	7	8	3	2	12	5	23	4	76	10
35. Greenwich . HHHP	81125	99404	28	24	39	44	35	52	31	55	93	45	446	41
36. Lewisham . . . *W*	23051	34831	*	*	*	*	*	*	8	9	16	9	42	8

* Seamen and others on board vessels in the docks and river are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841-50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 10278; which, divided by 10, gives 1028 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 1028 divided by 10 is about 103, which added to 1028, makes the corrected average 1131. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 155 in 10 weeks; the average was 16; the corrected average 18. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831-41; 1·998 *per cent.* annually in the ten years, 1841-51; and 1·778 *per cent.* annually in the fifty years, 1801-51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841-50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5{\cdot}5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	1	.	1
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	1	.	1
2 Chelsea [North West]	1	1	2
2 *St. George Hanover Square [Chelsea N.W.]*	.	.	.
3 St. George Hanover Square [May Fair]	.	.	.
4 Westminster [St. Margaret]	1	1	2
5 St. Martin-in-the-Fields [Charing Cross]	2	1	3
6 St. James Westminster [Golden Square]	.	.	.
7 Marylebone [Rectory]	5	3	8
9 *Strand [Tottenham Court]*	.	.	.
9 Pancras [Camden Town]	3	2	5
10 Islington [West]	2	4	6
11 Hackney [Hackney]	1	.	1
12 St. Giles [South]	4	3	7
14 Holborn [St. Andrew East]	1	.	1
15 Clerkenwell [St. James]	.	2	2
17 East London [St. Botolph]	3	1	4
18 *East London [West London North]*	.	.	.
18 West London [North]	.	.	.
20 Shoreditch [Haggerstone West]	2	4	6
20 *St. Luke [Hoxton New Town]*	2	2	4
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	5	3	8
23 St. George-in-the-East [St. John]	.	1	1
24 Stepney [Shadwell]	1	.	1
24 Stepney [Ratcliff]	.	1	1
24 Stepney [Mile End Old Town Lower]	1	.	1
24 City of London [ditto]	.	1	1
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	1	1	2
25 Poplar [Poplar]	.	.	.
26 St. Saviour [Christchurch]	4	.	4
27 St. Olave [St. John Horselydown]	.	.	.
28 Bermondsey [St. Mary Magdalen]	.	1	1
29 St. George Southwark [Borough Road]	.	.	.
30 Newington [St. Peter Walworth]	1	.	1
31 Lambeth [Lambeth Church 2nd]	5	3	8
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	.	.	.
33 Camberwell [Camberwell]	.	2	2
34 Rotherhithe	2	1	3
35 Greenwich [East]	.	.	.
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	49	38	87
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	7	.	7
35 Naval School Royal Hospital, Greenwich, Boys	4	3	7
2 Royal Hospital Chelsea [South] Pensioners	2	.	2
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	13	3	16
General Hospitals:—			
3 St. George [Belgrave]	1	.	1
4 Westminster [St. Margaret]	2	1	3
5 Charing Cross [Charing Cross]	.	1	1
7 Middlesex [All Souls]	1	.	1
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	.	1	1
13 King's College [St. Clement Danes]	.	.	.
18 St. Bartholomew [West London North]	3	4	7
22 London [Whitechapel Church]	1	.	1
27 Guy's [St. Olave and St. Saviour]	1	3	4
27 St. Thomas [St. Olave & St. Saviour]	2	3	5
Total	11	13	24
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	.	.	.
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	2	3
Total	1	2	3

	M.	F.	T.
HOSPITALS — *continued.*			
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	1	1
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	.	1	1
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	1	1
20 Miles' [St. Leonard]	.	1	1
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	.	.
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	.	.
Total	.	2	2
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	1	.	1
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	1	.	1
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	1	1
24 Portuguese Jews Hospital [Mile End Old Town Lower]	1	.	1
Total	1	1	2
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	3	.	3
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	3	.	3
Workhouses	49	38	87
Military and Naval Asylums	13	3	16
General Hospitals	11	13	24
Hospitals for Special Diseases	1	2	3
Lying-in Hospitals	.	1	1
Lunatic Asylums	.	2	2
Military and Naval Hospitals	1	.	1
Hospitals and Asylums for Foreigners	1	1	2
Prisons	3	.	3
Total in Public Institutions	79	60	139

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 2d August 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
JULY.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY . .	27	..	29·768	71·7	48·0	61·4	52·0	..	48·0	64·5	62·6	9·4	14·4	2·7	+0·1	Calm	W.S.W.	2·0	0·0	0·2	150	0·00
MONDAY. .	28	New	29·729	67.6	58·4	60·5	55·8	70·0	41·0	64·6	62·8	4·7	8·8	3·2	—0·9	S. W.	S.S.W.	2·3	0·0	0·1	110	0·03
TUESDAY .	29	..	29·655	76.2	57·6	64·3	57·7	80·0	54·8	65·5	63·5	6·6	11·0	2·3	+2·9	Calm	S.W.	2·5	0·0	0·1	110	0·00
WEDNESDAY	30	Perigee	29·779	75.4	51·1	62·8	57·4	81·0	46·5	66·0	64·0	5·4	9·2	2·5	+1·4	Calm	N.E. & Calm.	0·0	0·0	0·0	20	0·22
THURSDAY.	31	..	29·799	70·6	55·2	60·3	56·0	79·0	55·0	66·0	64·0	4·3	8·3	3·7	—1·1	Calm	S.W.	0·0	0·0	0·0	95	0·00
AUGUST,—																						
FRIDAY . .	1	..	29·733	78·4	60·7	68·3	63·0	85·0	60·0	67·0	64·5	5·3	10·8	2·0	+6·9	S.W.	W.	0·0	0·0	0·0	50	0·01
SATURDAY.	2	In Equator.	29·889	76·4	60·2	66·1	60·0	86·0	60·0	68·0	65·4	6·1	10·2	3·2	+4·7	N.W.	Calm	0·0	0·0	0·0	75	0·00
MEANS . .		..	29·765	73·8	55·9	63·4	57·4	80·2	52·2	65·9	63·8	6·0	10·4	2·8	+2·0	Principally Calm		..	..	..	Sum 610	Sum 0·26
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	
MONDAY . .	
TUESDAY . .	
WEDNESDAY	30th July, 3h. P.M. negative, and very active. Aug. 2d, positive, with variable tension at each examination. These were the only times electricity was shown during the week.
THURSDAY .	
FRIDAY . .	
SATURDAY .	

GENERAL REMARKS.

The sky was for the most part covered with cloud throughout the day; cumulostratus, cirrostratus, and scud. Light rain fell at intervals during the evening.

The sky was overcast throughout the day; cirrostratus and scud. Showers of rain fell frequently.

Three fourths of the sky were covered till noon, from this time till 5h. P.M. one fourth part was covered, and the amount of cloud was variable afterwards; cumuli, cumulostrati, and cirrostrati.

One fourth part of the sky was covered till noon, and, with slight exceptions, it was overcast during the remainder of the day; cumuli, cumulostrati, and cirrostrati. Heavy rain fell from 4h. 10m. till 6h. 30h. P.M., and distant thunder was heard at 4h. 18m. P.M.

The clouds were broken between 2h. and 4h. P.M.; otherwise the sky was overcast throughout the day; cirrostratus. Rain fell slightly during the evening.

The sky, with slight exceptions, was covered with cloud throughout the day; cumuli, cumulostrati, and cirrostrati. Rain fell during the evening.

The sky was for the most part covered with cloud till noon, one half covered till 7h. P.M., and overcast afterwards; cumuli, cumulostrati, and cirrostrati.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R.S.'s flint-glass standard bar. Obs. taken at 9 h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4,7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 63·2°; and the mean reading at 9h. P.M. was 63·3°; the mean readings at the Royal Observatory for the same times were 65·0° and 62·5° respectively.

The reading of the barometer decreased from 29·77 in. at the beginning of the week to 29·65 in. on the 29th at 3h. P.M.; increased to 29·86 in. by 9h. P.M. on the 30th; decreased to 29·72 in. by 9h. A.M. on 1st Aug.; and increased to 29·90 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, August 9. [No. 32.

HEALTH OF LONDON DURING THE WEEK.

The sickness to which young children are subject at this period of the year is apparently the cause of a progressive increase in the mortality during the last three weeks. In the week ending July 19th, 873 deaths were registered in London; in the two following weeks they were 956 and 1010; and in that ending last Saturday they rose to 1038. Making allowance for increase of population, and excluding the year of epidemic cholera from the comparison, it does not appear that the present return differs materially as regards the gross amount of mortality, from the average experience of corresponding weeks in the years 1841–50.

This season of the year, when the general population usually enjoy some improvement in health, affects injuriously the lives of infants; and from whatever cause, the fatality which it brings to children has been exceedingly aggravated in London during the last six years. In the five corresponding weeks of 1841–45 the deaths from diarrhœa varied from 16 to 62; in those of 1846–50 the lowest number was 106, and the highest 195; and in the week ending last Saturday this complaint was fatal in 136 cases. The total number, last week, arising from diarrhœa, dysentery, and cholera was 162; and of these only 21 occurred amongst adults.

In the present return the whole number of cases ascribed to diseases of the zymotic or epidemic class is 334; amongst which, besides those already mentioned, are 22 caused by small-pox, 19 by measles, 25 by scarlatina, 28 by hooping-cough, 10 by thrush, 50 by typhus, and 9 by erysipelas.

In the two previous weeks severally 12 fatal cases of cholera were registered; in the present return the number has increased to 16, of which the following are the particulars as registered:—

In the sub-district of St. John, Paddington, on 4th August, the son of a gentleman, aged 5 weeks, died of "English cholera (2 days)."

In the same sub-district, at 19 Albion-mews East, on 8th August, the son of a coachman, aged 4 months, "cholera (30 hours)." The medical attendant states that "the window of the room where the child slept opens directly on the St. George's burial-ground; the child never had indisposition till this fatal attack."

In Kensington, at 3 James-street, on 4th August, the daughter of a plasterer, aged 11 months, "cholera infantum (20 hours)."

In South Chelsea, at 15 Wellington-street, on 5th August, the daughter of a servant, aged 4 months, "cholera infantum (3 days)."

In the same sub-district, at 3 Elizabeth-terrace, on 8th August, the son of a brewer's servant, aged 7 months, "cholera infantum (17 hours)."

In the sub-district of Hanover-square, at 16 Conduit-street, on 31st July, the daughter of a licensed victualler, aged 8 months, "cholera infantum (16 hours)."

In Belgrave sub-district, at 11 Spring-garden-place, on 1st August, the daughter of a labourer, aged 8 weeks, "English cholera (5 days)."

In the sub-district of All Saints, Marylebone, at 1 John-street, on 2d August, the daughter of a coach-builder, aged 3 years, "cholera infantum (5 days)."

In the sub-district of St. John, Marylebone, at 17 Princess-street, on 8th August, the son of a tailor, aged 16 months, "English cholera (8 hours)." No medical attendant.

In St. Botolph, at 5 Three King-court, Aldgate, on 5th August, the son of an ostler, aged 9 months, "diarrhœa, cholera infantum."

In North-east sub-district of City of London, at 9 Sussex-place, on 5th August, the son of a brass-finisher, aged 3 months, "diarrhœa, ending in cholera."

In Haggerstone-west, at 35 Fellows-street, on 7th August, the daughter of a painter, aged 1 year, "cholera infantum (7 days)."

In Bethnal-green, at 11 New-street, Turk-street, on 2d August, the daughter of a weaver, aged 1 year, "cholera infantum (3 weeks)."

In Mile-end, Old-town, at 12 Sykes-terrace, on 7th August, the daughter of a hop-merchant, aged 2 months, "cholera (24 hours)."

In Limehouse, at 12 George-street, on 4th August, the son of a carpenter, aged 6 months, "infantile cholera."

In same sub-district, in Fore-street, on 1st August, the son of a greengrocer, aged 14 months, "malignant cholera (30 hours)."

Of those mentioned above, who suffered from cholera, it appears that the oldest did not exceed three years of age.

The following cases of accidental choking from hard substances passing into the throat occurred to children, and were registered in the week :—

On the 3d August, at 8 Scarborough-street, Whitechapel, the son of a carman, aged 7 months, died of "suffocation from a glass-stopper; tracheotomy (3 days before death), laryngeal inflammation (2 days)."

On the 5th August, at 46 Exmouth-street, the son of a cooper, aged 3 years, died from "the presence in the throat of a halfpenny piece, swallowed on the 28th of July last; hæmorrhage (8 days)," *post mort.*

The births of 749 boys and 728 girls, in all 1477 children, were registered last week. The average number of six corresponding weeks in 1845–50 was 1286.

At the Royal Observatory, Greenwich, the mean reading of the barometer on Tuesday was above 30 in.; the mean of the week was 29·960 in. The mean temperature of the week was 64·1°, which is 2·6° above the average of the same week in ten years. The mean daily temperature was above the average on every day except Wednesday and Saturday. The wind blew generally from the north-east.

The following selections are made from the Registrars' Reports :—

In Somers-town sub-district, at 3 Latham's-place, on 8th August, the son of a bricklayer's labourer, aged 8 months, died of diarrhœa (6 days)." Mr. Matthews

states that "there is no water at the back to carry off the soil which has accumulated."

In sub-district of Haggerstone, West, at 28 Phillips-street, on 2d August, the son of a gasmeter maker, aged 3 years, died of "small-pox (11 days)." Mr. Bowring adds that this child had not been vaccinated in consequence of a prejudice against vaccination, "which appears to be increasing among the lower classes." Small-pox has been very general in the immediate neighbourhood, and is still gaining ground.

In Spitalfields, at 6 Farthing-street, on 7th August, the daughter of a weaver, aged 5 years, died of "scarlatina maligna (7 days)." This (says Mr. Deboos) is a close, crowded, and ill-ventilated locality.

Births Registered last Week, and in the Thirty-second Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
Total. . . .	1216	1265	1240	1343	1259	1391	1286	1477
Males . . .	588	628	609	704	621	707	643	749
Females . .	628	637	631	639	638	684	643	728

Deaths Registered last Week, and in the Thirty-second Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
Total. . .		802	874	801	934	918	1135	998	1059	1909	997	1042·7	1038
Males . .		411	447	412	473	474	592	499	556	948	497	530·9	536
Females .		391	427	389	461	444	543	499	503	961	500	511·8	502
	Ages.												
Deaths at three periods of life . .	0—15	398	468	393	535	501	609	540	601	805	508	535·8	548
	15—60	264	265	250	248	263	316	311	306	795	313	333·1	310
	60 & up.	139	141	156	151	151	209	146	150	308	174	172·5	180

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

Births and Deaths Registered in London in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	May 17.	May 24.	May 31.	June 7.	June 14.	June 21.	June 28.	July 5.	July 12.	July 19.	July 26.	Aug. 2.	Aug. 9.
Births	1467	1434	1533	1446	1292	1482	1439	1530	1346	1407	1383	1451	1477
Deaths	1002	1000	990	961	931	968	1032	1003	881	873	956	1010	1038
Deaths (except from Violence) . . .	965	990	960	938	900	925	953	950	869	853	936	992	1025
Deaths (except from Violence) at 60 years and upwards . .	177	197	181	175	171	163	174	193	156	170	168	192	180
Scarlatina	9	17	10	15	24	19	14	22	13	6	18	14	25
Typhus	30	18	32	40	35	35	38	46	28	32	59	53	50
Diarrhœa & Dysentery	18	14	22	15	16	16	21	27	53	67	85	146	146
Cholera	..	..	..	..	1	1	1	5	9	8	12	12	16
Mean Temperature .	50°·9	53°·0	55°·6	55°·2	55°·9	60°·2	62°·3	62°·9	59°·6	58°·1	60°·0	63°·4	64°·1

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 64°·1—Aug. 9.			
	57°·3 Aug. 14 1841	66°·2 Aug. 13 1842	62°·2 Aug. 12 1843	59°·1 Aug. 10 1844	59°·1 Aug. 9 1845	66°·4 Aug. 8 1846	63°·5 Aug. 7 1847	58°·2 Aug. 12 1848	66°·4 Aug. 11 1849	64°·2 Aug. 10 1850	Mean 62°·2 Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	802	874	801	934	918	1135	998	1059	1909	997	10427	548	310	180	1038
SPECIFIED CAUSES	797	861	795	927	914	1130	994	1056	1903	992	10369	548	310	180	1038
1. Zymotic Diseases	136	163	182	289	193	347	314	452	1182	301	3559	266	44	24	334
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	54	69	52	51	46	49	32	29	42	46	470	6	28	18	52
3. Tubercular Diseases	194	194	184	181	176	211	188	182	173	165	1848	71	123	9	203
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	126	128	103	116	135	129	105	106	118	100	1166	63	29	27	119
5. Diseases of the Heart and Blood-vessels	20	14	20	20	27	31	26	25	26	42	251	7	22	13	42
6. Diseases of the Lungs, and of the other Organs of Respiration	68	71	61	71	81	75	64	53	102	76	722	38	19	22	79
7. Diseases of the Stomach, Liver, and other Organs of Digestion	59	90	73	71	80	88	77	64	74	74	750	23	23	15	61
8. Diseases of the Kidneys, &c.	7	4	8	4	4	10	9	8	15	20	89	1	4	5	10
9. Childbirth, Diseases of the Uterus, &c.	11	6	6	6	3	11	5	7	6	10	71	..	7	..	7
10. Rheumatism, Diseases of the Bones, Joints, &c.	3	5	2	4	7	12	10	5	9	7	64	3	3	..	6
11. Diseases of the Skin, Cellular Tissue, &c.	1	1	..	1	3	3	7	4	..	..	20	..	..	..	..
12. Malformations	1	1	2	5	3	3	2	2	6	2	27	2	..	..	2
13. Premature Birth & Debility	19	22	12	23	20	25	17	35	32	33	238	28	1	..	29
14. Atrophy	12	12	5	22	17	52	39	32	38	32	261	23	..	..	23
15. Age	42	52	60	47	52	47	38	26	39	29	432	..	..	45	45
16. Sudden	17	11	4	1	18	5	4	7	8	5	80	1	..	2	3
17. Violence, Privation, Cold, and Intemperance	27	18	21	15	49	32	57	19	33	50	321	16	7	..	23
1.—Small-pox	10	10	7	46	5	3	16	34	4	15	150	20	2	..	22
Measles	19	18	25	14	41	6	46	22	21	13	225	19	..	..	19
Scarlatina	7	19	48	80	18	17	16	124	21	21	371	25	..	..	25
Hooping Cough	41	14	26	12	36	33	17	25	45	25	274	28	..	..	28
Croup	5	10	2	5	6	6	6	4	6	2	52	2	..	..	2
Thrush	10	10	5	10	7	12	11	9	3	6	83	10	..	..	10
Diarrhœa	16	48	27	62	44	195	106	110	173	152	933	119	6	11	136
Dysentery	..	5	3	4	1	6	6	18	15	3	61	6	2	2	10
Cholera	1	8	5	5	5	37	16	19	823	15	934	16	..	..	16
Influenza	1	..	3	..	..	..	..	..	..	..	4	..	..	..	..
Purpura and Scurvy	..	..	..	1	2	1	1	..	1	1	7	..	..	..	..
Ague	1	..	..	..	1	..	1	..	1	..	4	..	..	..	..
Remittent Fever	..	..	2	2	..	..	4	1	1	1	11	1	..	..	1
Infantile Fever	*	*	*	*	*	*	*	1	1	..	2	..	..	..	..
Typhus	18	18	24	39	18	23	55	66	54	35	350	17	28	5	50
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	3	3	4	10	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	2	..	1	3	..	1	..	1
Erysipelas	5	3	4	8	7	5	8	13	10	4	67	1	2	6	9
Syphilis	2	..	1	1	1	2	3	..	..	3	13	2	..	..	2
Noma (or Canker)	*	*	*	*	1	1	2	1	..	..	5	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	4	9	5	3	4	2	1	2	7	6	43	..	1	1	2
Dropsy	35	41	29	32	24	10	4	12	12	17	216	3	11	4	18
Abscess	4	2	..	3	1	2	4	1	4	..	21	2	1	1	4
Ulcer	..	1	2	..	2	..	1	..	2	1	9	..	1	..	1
Fistula	..	..	2	1	..	..	..	..	1	..	4	..	..	2	2
Mortification	4	2	4	2	..	5	3	2	1	3	26	1	..	3	4
Cancer	6	13	10	10	13	29	19	12	15	18	145	..	13	5	18
Gout	1	1	..	..	2	1	..	..	..	1	6	..	1	2	3
3.—Scrofula	1	..	3	2	3	8	5	6	7	7	42	2	1	1	4
Tabes Mesenterica	6	6	8	10	12	39	30	18	15	22	166	19	..	..	19
Phthisis (or Consumption)	159	144	138	132	119	136	118	129	127	109	1311	12	121	8	141
Hydrocephalus	28	44	35	37	42	28	35	29	24	27	329	38	1	..	39

* See Note, page 254.

in the THIRTY-SECOND Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851			
												64°·1—Aug. 9.			
	57°·3	66°·2	62°·2	59°·1	59°·1	66°·4	63°·5	58°·2	66°·4	64°·2	Mean 62°·2				
	Aug. 14	Aug. 13	Aug. 12	Aug. 10	Aug. 9	Aug. 8	Aug. 7	Aug. 12	Aug. 11	Aug. 10	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
4.—Cephalitis	11	13	9	16	9	10	10	7	9	8	102	9	2	..	11
Apoplexy	19	9	12	19	15	28	16	26	17	23	184	4	11	13	28
Paralysis	13	14	12	7	17	22	19	18	22	16	160	1	3	9	13
Delirium Tremens	2	2	2	..	2	2	1	3	4	5	23	..	2	1	3
Chorea	..	1	..	..	1	..	..	..	..	..	2	..	..	..	..
Epilepsy	2	2	5	2	7	7	7	8	6	8	54	..	3	1	4
Tetanus	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Insanity	1	1	..	2	..	4	2	4	..	1	15	..	3	..	3
Convulsions	66	81	49	62	72	47	41	32	43	30	523	46	..	..	46
Disease of Brain, &c.	12	5	14	8	12	9	9	8	17	9	103	3	5	3	11
5.—Pericarditis	1	1	..	1	1	1	..	3	3	1	12	..	1	..	1
Aneurism	1	2	2	1	..	..	1	1	1	2	11	..	..	..	..
Disease of Heart, &c.	18	11	18	18	26	30	25	21	22	39	228	7	21	13	41
6.—Laryngitis	1	1	2	3	..	2	1	1	4	4	19	..	1	..	1
Bronchitis	4	4	7	13	11	20	24	21	34	28	166	8	3	17	28
Pleurisy	..	..	2	3	1	..	2	4	3	..	15	..	..	1	1
Pneumonia	47	47	35	36	52	38	21	22	45	32	375	29	8	3	40
Asthma	9	9	7	11	9	8	5	2	9	3	72	..	2	1	3
Disease of Lungs, &c.	7	10	8	5	8	7	11	3	7	9	75	1	5	..	6
7.—Teething	15	24	20	19	20	21	10	6	6	15	156	9	..	..	9
Quinsey	2	1	2	1	..	2	1	2	3	1	15	2	..	..	2
Gastritis, Enteritis	14	34	24	1 / 18	3 / 20	3 / 15	.. / 16	.. / 14	3 / 13	2 / 8	188	1 / 5	1 / 3	.. / ..	2 / 8
Peritonitis	2	4	3	2	1	8	5	6	2	7	40	..	1	..	1
Ascites	..	4	1	1	3	3	1	3	1	3	20	1	..	1	2
Ulceration (of Intestines)	2	1	3	1	2	3	3	3	2	2	22	1	3	1	5
Hernia	2	1	..	3	..	1	2	2	2	3	16	..	..	1	1
Ileus	4	3	2	4	3	2	6	2	5	1	32	..	..	3	3
Intussusception	..	..	..	..	1	..	2	1	1	1	6	..	..	1	1
Stricture of Intestinal Canal	..	1	1	..	..	1	1	1	..	..	5	..	3	..	3
Disease of Stomach, &c.	4	4	4	8	14	4	15	7	12	8	80	1	3	1	5
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	2	2	..	3	2	5	2	1	3	7	27	..	3	..	3
Jaundice	2	4	5	3	3	6	4	2	4	5	38	2	2	..	4
Disease of Liver	10	7	8	7	8	14	9	14	17	11	105	1	3	7	11
Disease of Spleen	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
8.—Nephritis	..	..	1	..	1	..	..	..	3	3	8	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	2	4	6	12	..	1	..	1
Ischuria	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Diabetes	1	1	..	..	..	3	..	..	1	..	6	..	1	..	1
Stone	..	2	1	1	1	..	1	1	1	..	8	..	..	..	..
Cystitis	..	..	1	..	..	..	..	..	..	1	2	..	..	..	..
Stricture of Urethra	1	1	..	..	..	..	1	..	2	..	5	..	..	..	..
Disease of Kidneys, &c.	5	..	5	3	2	7	7	5	4	9	47	1	2	5	8
9.—Paramenia	..	..	..	..	..	..	1	..	..	..	1	..	1	..	1
Ovarian Dropsy	..	..	..	..	..	2	..	..	1	..	3	..	2	..	2
Childbirth (*see* Metria)	7	4	5	2	2	7	3	3	2	5	40	..	3	..	3
Disease of Uterus, &c.	4	2	1	4	1	2	1	4	3	5	27	..	1	..	1
10.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	1	2	..	1	1	6	2	2	4	2	21	..	1	..	1
Disease of Joints, &c.	2	3	2	3	6	6	8	3	5	5	43	3	2	..	5
11.—Carbuncle	1	..	..	..	1	..	..	..	..	..	2	..	..	..	..
Phlegmon	..	..	..	1	2	2	3	1	..	..	9	..	..	..	..
Disease of Skin, &c.	..	1	..	..	..	1	4	3	..	..	9	..	..	..	..
17.—Intemperance	1	1	1	..	1	2	3	1	..	1	11	..	1	..	1
Privation of Food	1	1	2	..	..	..	..	..	1	..	5	..	1	..	1
Want of Breast-milk	*	*	*	*	*	*	*	7	6	4	17	8	..	..	8
Neglect	*	*	*	*	*	*	*	1	..	..	1	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	..	2	6	8	..	1	..	1
Burns and Scalds	*	*	*	*	*	*	*	..	5	4	9	..	..	..	..
Hanging and Suffocation	*	*	*	*	*	*	*	1	2	4	7	4	1	..	5
Drowning	*	*	*	*	*	*	*	4	3	5	12	3	..	..	3
Fractures	*	*	*	*	*	*	*	4	10	22	36	..	2	..	2
Wounds	*	*	*	*	*	*	*	..	1	2	3	..	1	..	1
Other Violence	*	*	*	*	*	*	*	1	3	2	6	1	..	..	1
All Violence	25	16	18	15	48	30	54	10	26	45	287	8	5	..	13
Causes not specified	5	13	6	7	4	5	4	3	6	5	58	..	..	..	..

* See Note, page 254.

DEATHS Registered in the THIRTY-SECOND WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION* in 1841	POPULATION* in 1851	Mean Temperature for the Week ending Saturday, 57°·3 Aug. 14 1841	66°·2 Aug. 13 1842	62°·2 Aug. 12 1843	59°·1 Aug. 10 1844	59°·1 Aug. 9 1845	66°·4 Aug. 8 1846	63°·5 Aug. 7 1847	58°·2 Aug. 12 1848	66°·4 Aug. 11 1849	64°·2 Aug. 10 1850	Mean 62°·2 Sum of 10 Weeks.	64°·1 Aug. 9 1851
LONDON	1948369	2361640	802	874	801	934	918	1135	998	1059	1909	997	10427	1038
1–6. WEST DISTRICTS .	301189	376332	109	124	118	122	126	173	154	149	197	147	1419	170
7–11. NORTH DISTRICTS .	376568	490441	148	164	139	197	134	215	184	205	268	190	1844	204
12–19. CENTRAL DISTRICTS	374199	392986	179	179	151	178	198	196	174	187	275	181	1898	179
20–25. EAST DISTRICTS .	393067	485336	180	192	196	209	201	281	239	253	378	240	2369	234
26–36. SOUTH DISTRICTS .	503346	616545	186	215	197	228	259	270	247	265	791	239	2897	251
1. Kensington . . . HL	74898	119990	27	27	28	23	22	51	37	41	50	36	342	53
2. Chelsea . . . . *W*H	40243	56543	20	19	18	22	19	22	34	26	39	20	239	34
3. St. George Hanover-sq. H	66657	73207	23	36	19	21	24	35	18	28	32	33	269	24
4. Westminster. . HHPP	56802	65609	23	24	28	29	31	40	32	35	49	24	315	35
5. St. Martin-in-the-Flds. H	25132	24557	6	6	12	10	13	8	15	11	16	12	109	8
6. St. James Westminster .	37457	36426	10	12	13	17	17	17	18	8	11	22	145	16
7. Marylebone . . . H	138383	157679	56	61	58	76	62	82	63	72	81	66	677	65
8. Hampstead . . . . }	140078	11986	*	*	*	*	*	*	3	1	8	4	16	5
9. Pancras . . . *W*HH }		167198	56	56	51	77	41	72	65	78	102	68	666	74
10. Islington . . . HP	55779	95154	18	24	15	20	20	38	37	38	55	33	298	40
11. Hackney . . . . H	42328	58424	18	23	15	24	11	23	16	16	22	19	187	20
12. St. Giles	54378	54062	31	34	25	26	20	36	31	28	58	29	318	34
13. Strand (wkh. in 9) . H	43667	44446	19	16	17	25	21	25	22	13	38	15	211	17
14. Holborn	44532	46571	18	17	17	21	35	10	26	22	18	25	209	21
15. Clerkenwell . . PP	56799	64705	22	34	16	23	25	32	23	38	24	23	260	21
16. St. Luke (wkh. in 20) L	49908	54058	24	17	18	26	33	28	23	25	35	27	256	23
17. East London . . . P	39718	44407	19	15	18	21	24	21	15	28	37	16	214	22
18. West London *W*HPPP	29188	28829	30	25	22	15	19	24	19	17	40	29	240	27
19. City of Lon. (wkh. in 25)	56009	55908	16	21	18	21	21	20	15	16	25	17	190	14
20. Shoreditch . . *W*L	83564	109209	50	48	33	52	47	60	42	58	85	50	525	54
21. Bethnal Green . . L	74206	90170	26	43	25	28	30	45	27	57	84	36	401	42
22. Whitechapel . . . H	71879	79756	43	32	39	47	37	67	77	41	75	60	518	40
23. St. George-in-the-East .	41416	48375	17	24	24	18	21	26	22	28	41	24	245	27
24. Stepney . . . . H	90831	110669	31	25	54	48	44	58	55	41	65	45	466	53
25. Poplar. . . . *W*L	31171	47157	13	20	21	16	22	25	16	28	28	25	214	18
26. St. Saviour . . HH	33027	35729	19	17	12	20	17	17	24	18	77	15	236	14
27. St. Olave . . . HH	19869	19367	9	18	20	22	23	25	21	17	52	19	226	15
28. Bermondsey	35002	48128	18	19	24	18	16	16	27	21	78	17	254	20
29. St. Geo. Southwk. LPP	46718	51825	14	23	23	24	18	27	29	25	90	14	287	26
30. Newington . . . P	54693	64805	25	20	16	25	27	23	19	29	97	28	309	22
31. Lambeth	116072	139240	45	58	48	45	56	55	39	53	135	37	571	53
32. Wandsworth . . . L	39918	50770	*	*	*	13	10	17	15	14	68	25	162	20
33. Camberwell . . . LL	39931	54668	14	13	12	13	22	30	21	27	61	15	228	21
34. Rotherhithe	13940	17778	6	3	10	4	4	4	4	1	31	7	74	5
35. Greenwich . HHHP	81125	99404	36	44	32	44	66	56	42	43	88	49	500	50
36. Lewisham. . . . *W*	23051	34831	*	*	*	*	*	*	6	17	14	13	50	5

* Seamen and others on board vessels in the docks and river are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 10427; which divided by 10 gives 1043 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 1043 divided by 10 is about 104, which added to 1043, makes the corrected average 1147. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 150 in 10 weeks; the average was 15; the corrected average 17. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831–41; 1·998 *per cent.* annually in the ten years, 1841–51; and 1·778 *per cent.* annually in the fifty years, 1801–51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5\cdot5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c	M.	F.	T.
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	1	1
2 Chelsea [North West]	1	1	2
2 *St. George Hanover Square [Chelsea N.W.]*	.	.	.
3 St. George Hanover Square [May Fair]	2	1	3
4 Westminster [St. Margaret]	2	3	5
5 St. Martin-in-the-Fields [Charing Cross]	1	1	2
6 St. James Westminster [Golden Square]	1	1	2
7 Marylebone [Rectory]	1	3	4
9 *Strand [Tottenham Court]*	3	1	4
9 Pancras [Camden Town]	6	4	10
10 Islington [West]	1	1	2
11 Hackney [Hackney]	1	2	3
12 St. Giles [South]	.	.	.
14 Holborn [St. Andrew East]	.	.	.
15 Clerkenwell [St. James]	1	.	1
17 East London [St. Botolph]	.	4	4
18 *East London [West London North]*	1	.	1
18 West London [North]	.	.	.
20 Shoreditch [Haggerstone West]	1	1	2
20 *St. Luke [Hoxton New Town]*	1	.	1
21 Bethnal Green [The Green]	4	3	7
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	3	.	3
23 St. George-in-the-East [St. John]	.	2	2
24 Stepney [Shadwell]	.	1	1
24 Stepney [Ratcliff]	1	.	1
24 Stepney [Mile End Old Town Lower]	.	.	.
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	1	.	1
25 Poplar [Poplar]	1	1	2
26 St. Saviour [Christchurch]	.	.	.
27 St. Olave [St. John Horselydown]	.	.	.
28 Bermondsey [St. Mary Magdalen]	.	4	4
29 St. George Southwark [Borough Road]	2	.	2
30 Newington [St. Peter Walworth]	1	.	1
31 Lambeth [Lambeth Church 2d]	1	2	3
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	2	.	2
33 Camberwell [Camberwell]	.	3	3
34 Rotherhithe	.	1	1
35 Greenwich [East]	.	3	3*
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	39	44	83

HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	7	.	7
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.*
2 Royal Hospital Chelsea [South] Pensioners	1	.	1
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	8	.	8
General Hospitals:—			
3 St. George [Belgrave]	2	1	3
4 Westminster [St. Margaret]	4	2	6
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	1	1	2
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's Inn Lane]	.	.	.
13 King's College [St. Clement Danes]	1	.	1
18 St. Bartholomew [West London North]	6	5	11
22 London [Whitechapel Church]	1	3	4
27 Guy's [St. Olave and St. Saviour]	1	1	2
27 St. Thomas [St. Olave & St. Saviour]	5	2	7
Total	21	15	36
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	2	2	4
10 Fever [Islington West]	2	4	6
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	2	.	2
Total	6	6	12

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	1	.	1
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northum. House [Stoke Newington]	.	1	1
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	3	3
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	2	1	3
33 Peckham House [Camberwell]	.	1	1
33 Camberwell House [Camberwell]	.	2	2
Total	3	8	11
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	1	.	1
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	4	.	4
Total	5	.	5
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.

PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.

Workhouses	39	44	83
Military and Naval Asylums	8	.	8
General Hospitals	21	15	36
Hospitals for Special Diseases	6	6	12
Lying-in-Hospitals	.	.	.
Lunatic Asylums	3	8	11
Military and Naval Hospitals	5	.	5
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	.	.
Total in Public Institutions	82	73	155

* ERRATUM in last Weekly Return. Naval School, Greenwich Hospital. *No* deaths were registered there in the week ending August 2d. *Transfer* the figures *to* Greenwich Workhouse.

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 9th Aug. 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Amount of Horizontal Movement of the Air in each day.	Whewell's. Rain in inches, read at 9h. p.m.
August.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday .	3	..	29·934	78·6	60·2	66·6	58·9	..	48·0	69·0	66·0	7·7	11·4	1·6	+4·8	W.	W.	0·0	0·0	0·0	115	0·00
Monday .	4	First Quarter.	29·988	81·8	57·0	67·7	60·3	94·0	50·0	69·5	66·5	7·4	12·8	0·8	+6·2	W.	N.E. & E.	0·0	0·0	0·0	75	0·00
Tuesday .	5	..	30·107	71·6	55·1	62·2	53·2	87·0	52·5	69·8	67·0	9·0	12·8	5·0	+0·7	N.E.	E.N.E.	2·0	0·0	0·3	115	0·00
Wednesday	6	..	29·975	67·8	51·4	58·0	50·2	73·0	52·0	67·8	66·4	7·8	10·6	3·8	—3·5	N.E.	N.E.	1·0	0·0	0·2	110	0·00
Thursday .	7	..	29·934	78·8	54·2	65·1	57·4	89·0	51·0	68·2	67·0	7·7	15·6	5·2	+3·6	N.N.E.	N.E.	2·0	0·0	0·1	105	0·00
Friday . .	8	Greatest Dec. S.	29·884	81·6	53·9	68·3	57·4	96·0	49·0	68·0	66·0	10·9	18·6	1·4	+6·8	N.	N.E.	0·0	0·0	0·0	95	0·00
Saturday .	9	..	29·901	70·4	54·2	61·1	54·8	74·0	48·0	67·5	66·0	6·3	9·5	1·4	—0·3	N.N.E.	N.N.E.	0·0	0·0	0·0	70	0·00
Means . .		..	29·960	75·8	55·1	64·1	56·0	85·5	50·1	68·5	66·4	8·1	13·0	2·8	+2·6	N.E.		..	..	..	Sum 685	Sum 0·00
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

Sunday . .	Nothing was shown at any examination.
Monday. .	Nothing was shown throughout the day.
Tuesday .	Positive, and tension strong at 9h. p.m.
Wednesday	Positive, and tension moderate during the afternoon.
Thursday .	Positive, and tension strong during the afternoon.
Friday . .	Positive, and tension variable throughout the day.
Saturday .	Nothing was shown throughout the day.

GENERAL REMARKS.

Three fourths of the sky were covered with cloud during the morning, and the whole was clear for the most part during the remainder of the day.

The sky was free from cloud till noon, one fourth part covered till 5h. p.m., and overcast afterwards; cumuli, cumulostrati, and cirrostrati.

Three fourths of the sky were covered till 1h. p.m., from this time till 6h. p.m. it was generally clear, and overcast afterwards; cumuli, cirrostrati, and fleecy clouds.

The sky was overcast throughout the day; cirrostratus.

The sky was covered with cloud till noon, and for the most part clear during the remainder of the day; cumuli, cumulostrati, and cirrostrati.

A small amount of cloud prevailed occasionally during the morning, otherwise the sky was clear throughout the day.

The sky was overcast throughout the day; cirrostratus.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R.S.'s flint-glass standard bar. Obs. taken at 9h. a.m.; noon; 3h. p.m.; 9h. p.m. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. a.m. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. a.m. was 64·0°; and the mean reading at 9h. p.m. was 61·0°; the mean readings at the Royal Observatory for the same times were 64·5° and 59·6° respectively.

The reading of the barometer increased from 29·91 in. at the beginning of the week to 30·12 in. by 9h. a.m. on the 5th; decreased to 29·86 in. by 3h. p.m. on the 8th; and increased to 29·93 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, August 16. [No. 33.

HEALTH OF LONDON DURING THE WEEK.

The Return for the week ending last Saturday indicates a further and considerable increase in the mortality. In the third week of July the deaths in London were only 873 ; in the three following they were 956, 1010, and 1038, and last week they rose to 1061. The last number must be considered to represent a high mortality even for London, where the conditions of health are not the most favourable, and at a period of the year which experience has already shown to be extremely fatal to the young. The deaths of last week were more than in any of the corresponding weeks of the ten years 1841–50, with the exception of that of 1847, when they were 1108, and that of 1849, when cholera raised the total deaths to 2230.

The classification of ages shows that the present increase of mortality arises from complaints amongst the young ; for of the 1061 persons who died last week, 565, or more than one half, were not older than 15 years.

On referring to the table of fatal causes, it is at once perceived that the epidemic class contributes in the largest proportion to the returns of the week, 342 cases, or nearly one third of the total number, being enumerated under this head ; and that diarrhœa, which was fatal in 156 cases, is the predominant disease amongst epidemics. The progress of diarrhœa, dysentery, and cholera is shown by the following numbers registered under these three heads in the last six weeks, namely, 62, 75, 97, 158, 162, and (last week) 190.

In the Borough-road sub-district, at 2 Taylor's-place, William-street, on the 13th August, the daughter of a journeyman furcutter, aged 5 years, died of "scarlatina maligna, coma." With reference to this and a former case, Mr. Elliott, the Registrar, makes the following remarks: "Taylor's-place comprises three small houses in a yard, the entrance to which is in William-street ; but there is no thoroughfare. A boy aged 7 years, brother of the deceased, died in the same house on 2d August, of remittent fever and pneumonia. The statement of the mother, when giving information on Friday, regarding nuisances by which the occupiers have repeatedly been annoyed, appeared so extraordinary, that I requested that it should be made in writing, and have accordingly received the accompanying letter * from her husband. I have visited the spot, and been informed, that a woman living in another house has been ill ever since the occurrences to which the statement refers."

With the increase of diarrhœa, there has been also during the last six weeks an increase of cases of the more virulent form of the complaint under the designation "cholera," the progress of which is shown by its weekly numbers, viz. 9, 8, 12, 12, 16, and (in the week ending last Saturday) 28. The particulars of last week's cases, which are nearly double those of the preceding return, are as follow :—

In Kensington, at Jenning's-buildings, on 14th August, the son of a labourer, aged 3 weeks, "cholera infantum (48 hours)."

In the same sub-district, at 16 Church-street, on 13th August, the daughter of a printer, aged 9 months, "cholera infantum."

In North-east sub-district of Chelsea, at 9 Chapel-row, on 11th August, the son of a domestic servant, aged 1 week, "infantile cholera (3 days)."

In the same sub-district, at 28 Chapel-row, on 14th August, the son of a police constable, aged 11 months, "chronic hydrocephalus (from birth), cholera infantum (2 days)."

* See page 259.

In All Souls, Mary-le-bone, at 5 Booth's-place, on 14th August, the son of a postman, aged 4 months, "cholera infantum (3 days)."

In Somers-town, at 20 Bridgewater-street, on 9th August, the wife of a wood-sawyer, aged 67 years, "English cholera (1 week)."

In the same sub-district, at 11 Northam's-buildings, on 7th August, the widow of a porter, aged 69 years, "English cholera (6 days)." Also at 2 Aldenham-terrace, a child died of diarrhœa, in a locality where the drainage is stated to be bad.

In East sub-district of Islington, at 41 Duncan-terrace, on 10th August, the daughter of a solicitor, aged 9 months, "English cholera (48 hours)." "This house is in a good situation, and well-built; but the drains are in bad condition."

In St. Clement-danes, at 4 Rolls-buildings, on 14th August, the son of an organ-builder, aged 7 months, "cholera (1 day)."

In the sub-district of Goswell-street, at 15 Smith-street, on 11th August, the daughter of a watch-jeweller, aged 11 months, "cholera infantum (3 days)."

In Haggerstone East, at 64 Great Cambridge-street, on 8th August, the widow of a plumber, aged 85 years, "old age, approaching cholera (3 days)."

In the same sub-district, at 19 York-street North, on 8th August, the wife of a gentleman, aged 65 years, "English cholera (4 days), exhaustion."

In Church sub-district of Bethnal-green, at 4 Satchwell's-rents, on 8th August, the daughter of a carman, aged 6 months, "atrophy from want of breast milk (3 weeks), cholera infantum (1 week)."

In Mile-end New Town, at 14 Eagle-place, on 10th August, a labourer, aged 64 years, "cholera (3 days)."

In St. George-in-the-East, at 1 Spencer-street, on 8th August, the daughter of a ship-carpenter, aged 11 months, "English cholera (7 days)."

In the same district, at 8 Hardinge-street, on 14th August, the son of a mariner, aged 10 months, "cholera infantum (5 days)."

In Ratcliffe, at 10 York-terrace, Salmon-lane, on 10th August, a dock labourer, aged 58 years, "English cholera (4 days)."

In the same sub-district, at 20 Bath-street, on 4th August, the daughter of a police constable, aged 11 months, "cholera infantum (3 days)."

In Limehouse, at 3 John-street, on 9th August, the son of a hairdresser, aged 11 months, "infantile cholera (3 days)."

In Newington, at 185 Great Dover-road, on 8th August, the son of a druggist's assistant, aged 5 months, "cholera infantum (36 hours)."

In Walworth, at 21 Clandon-street, on 13th August, a labourer, aged 48 years, "English cholera (2 days), pneumonia (2 days)."

In Clapham, at 3 Swanswick-place, Larkhall-lane, on 15th August, the son of a labourer, aged 11 months, "English cholera, aphtha (4 days)." "This is the second death in the same house since Christmas." The informant considered it unhealthy, there being no windows or doors at the back.

In Camberwell, at 7 Martha-street, on 9th August, a customhouse officer, aged 62 years, "English cholera (56 hours)."

In Peckham, at 35 Bexley-street, on 10th August, the daughter of a labourer, aged 5 months, "cholera infantum (3 days)."

In the same sub-district, at 15 Bexley-court, on 10th August, a boy, aged 4 months, "cholera infantum (3 days)."

In the same sub-district, at 15 Stockwell-street, on 10th August, the daughter of a labourer, aged 4 months, "bilious cholera (4 days)." With reference to the last three deaths the Deputy Registrar remarks that they occurred "in a very poor and badly drained part of the district."

In Deptford, at 59 New-street, St. Nicholas, on 13th August, the son of a mill-wright, aged 1 year, "cholera infantum (7 days)."

In Charlton village, on 13th August, the daughter of a gardener, aged 11 months, "diarrhœa (14 days), cholera (7 hours)."

From the above there also appears an increase of cases amongst persons of mature years, four men having died of cholera at 45 years and upwards, and four women at 65 years and upwards.

The births of 774 boys and 726 girls, in all 1500 children, were registered in the week. The average number in six corresponding weeks of 1845-50 was 1308.

At the Royal Observatory, Greenwich, the mean height of the barometer in the week was 29·862 in. The mean temperature was 64·6°, which is 3 degrees above the average of the same week in ten years. The mean daily temperature was about 8 degrees above the average on Tuesday and Wednesday, and was also above it on every day of the week except Sunday and Monday.

The following is the letter mentioned above :

About six or seven weeks ago a water-closet close to our yard was opened for the purpose, as was said, of making a drain. It was found full; and instead of being emptied properly by a nightman, a considerable quantity of the soil was removed in open day *past our door*, and deposited in the water-closet common to the three houses composing "Taylor's-place," in one of which I reside. A few days afterwards a part of our yard was taken up, and a further quantity of the soil deposited two or three feet below the surface (in spite of remonstrance) and covered over; and had not the police interfered, a much larger quantity would have been laid there, although opposite and within two or three yards of my window. On the 5th of August, in a remarkably short time, during the temporary absence of my wife, the ground under my door was opened in search of a drain, although my son was at the time *lying dead;* but on returning from my employment, finding the place in such a state, I immediately filled it up. Two days afterwards it was opened again (as also a further portion of the yard) and kept open, *to no purpose*, for two days; when, through the interference of some one, it was filled up. I have had the whole of my four children dangerously ill almost at the same time, and two of them have died. My son was carried off two or three weeks ago, after an illness of less than twenty-four hours; his sister is lying dead, and the eldest boy is now ill. I firmly believe this calamity has happened in consequence of what I have stated above; and I should be glad, for the sake of others, if some friend would take the trouble of putting the case in train for inquiry. Since writing the above I am informed that the medical gentleman who attended my children has confirmed my suspicion regarding the true cause of their illness.

Births Registered last Week, and in the Thirty-third Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
Total . . .	1266	1363	1232	1288	1334	1363	1308	1500
Males . . .	649	691	639	669	676	689	669	774
Females . .	617	672	593	619	658	674	639	726

Deaths Registered last Week, and in the Thirty-third Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
Total . .		776	959	795	932	864	967	1108	1019	2230	874	1052·4	1061
Males . .		388	490	392	485	455	485	550	506	1116	441	530·8	530
Females .		388	469	403	447	409	482	558	513	1114	433	521·6	531
	Ages.												
Deaths at three periods of life . .	0—15	368	518	400	496	481	523	599	534	855	441	521·5	565
	15—60	243	279	242	299	232	291	298	298	974	261	341·7	317
	60 & up.	164	161	153	137	151	151	208	171	396	172	186·4	179

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

Births and Deaths Registered in London in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	May 24.	May 31.	June 7.	June 14.	June 21.	June 28.	July 5.	July 12.	July 19.	July 26.	Aug. 2.	Aug. 9.	Aug. 16.
Births	1434	1533	1446	1292	1482	1439	1530	1346	1407	1383	1451	1477	1500
Deaths	1000	990	961	931	968	1032	1003	881	873	956	1010	1038	1061
Deaths (except from Violence) . . .	990	960	938	900	925	953	950	869	853	936	992	1025	1037
Deaths (except from Violence) at 60 years and upwards . .	197	181	175	171	163	174	193	156	170	168	192	180	177
Scarlatina	17	10	15	24	19	14	22	13	6	18	14	25	17
Typhus	18	32	40	35	35	38	46	28	32	59	53	50	53
Diarrhœa & Dysentery	14	22	15	16	16	21	27	53	67	85	146	146	162
Cholera	..	..	..	1	1	1	5	9	8	12	12	16	28
Mean Temperature .	53°·0	55°·6	55°·2	55°·9	60°·2	62°·3	62°·9	59°·6	58°·1	60°·0	63°·4	64°·1	64°·6

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,										Mean 61°·6	1851 64°·6—Aug. 16.			
	62°·0 Aug. 21	68°·2 Aug. 20	66°·1 Aug. 19	57°·9 Aug. 17	55°·5 Aug. 16	61°·8 Aug. 15	62°·8 Aug. 14	59°·0 Aug. 19	60°·3 Aug. 18	62°·6 Aug. 17	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
ALL CAUSES	776	959	795	932	864	967	1108	1019	2230	874	10524	565	317	179	1061
SPECIFIED CAUSES	768	951	786	930	863	958	1106	999	2227	871	10459	565	316	177	1058
1. Zymotic Diseases	120	232	200	251	190	289	392	384	1593	256	3907	257	50	35	342
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	59	58	61	45	45	36	44	35	40	53	476	4	22	20	46
3. Tubercular Diseases	173	196	164	169	158	211	175	159	149	166	1720	76	106	7	189
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	116	99	98	132	118	101	122	109	115	106	1116	50	38	21	109
5. Diseases of the Heart and Blood-vessels	21	23	22	31	29	24	26	28	35	22	261	3	14	9	26
6. Diseases of the Lungs, and of the other Organs of Respiration	76	77	53	77	96	56	79	80	83	69	746	41	19	19	79
7. Diseases of the Stomach, Liver, and other Organs of Digestion	79	116	65	88	76	84	84	75	54	51	772	31	28	14	73
8. Diseases of the Kidneys, &c.	5	11	7	8	9	7	6	11	12	12	88	..	7	6	13
9. Childbirth, Diseases of the Uterus, &c.	10	9	5	6	7	9	11	5	6	8	76	..	10	2	12
10. Rheumatism, Diseases of the Bones, Joints, &c.	2	3	1	7	5	10	8	5	6	7	54	3	5	..	8
11. Diseases of the Skin, Cellular Tissue, &c.	..	1	1	1	1	1	4	..	1	1	11	1	..	..	1
12. Malformations	..	..	..	3	3	..	6	2	2	3	19	3	..	..	3
13. Premature Birth & Debility	20	16	24	26	14	22	25	17	26	36	226	31	1	..	32
14. Atrophy	8	14	7	18	24	32	45	28	31	23	230	44	..	..	44
15. Age	58	60	51	41	58	32	37	29	45	40	451	..	..	36	36
16. Sudden	6	19	5	6	7	..	10	5	7	..	65	1	..	5	6
17. Violence, Privation, Cold, and Intemperance	15	17	22	21	23	44	32	27	22	18	241	20	16	3	39
1.—Small-pox	6	12	8	58	4	4	26	32	1	10	161	18	..	..	18
Measles	18	25	25	21	58	6	54	9	23	11	250	18	..	..	18
Scarlatina	12	43	43	68	6	10	16	115	27	24	364	16	1	..	17
Hooping Cough	30	8	19	8	29	25	9	18	34	13	193	27	..	..	27
Croup	6	7	6	4	9	2	3	7	2	1	47	4	..	..	4
Thrush	6	6	14	8	8	12	11	5	7	5	82	1	..	..	1
Diarrhœa	11	70	34	40	44	149	158	81	188	139	914	129	10	17	156
Dysentery	2	2	10	6	3	8	13	16	18	4	82	3	1	2	6
Cholera	6	29	1	4	1	23	17	17	1230	8	1336	20	2	6	28
Influenza	..	3	1	1	1	..	..	1	1	..	8	..	..	..	..
Purpura and Scurvy	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
Ague	1	1	2	..	1	..	1	1	1	..	8	..	..	..	..
Remittent Fever	..	2	1	1	3	1	4	1	..	4	17	2	..	..	2
Infantile Fever	*	*	*	*	*	*	*	..	1	..	1	..	..	..	..
Typhus	20	23	33	26	19	37	70	61	46	27	362	15	30	8	53
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	5	2	..	7	..	4	..	4
Rheumatic Fever	*	*	*	*	*	*	*	..	2	1	3	..	..	..	..
Erysipelas	1	1	2	6	2	6	9	14	8	5	54	1	2	2	5
Syphilis	1	..	1	..	1	5	1	1	1	4	15	2	..	..	2
Noma (or Canker)	*	*	*	*	1	..	..	..	1	..	2	1	..	..	1
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	3	5	5	5	3	3	2	6	6	3	41	1	4	2	7
Dropsy	36	33	33	23	23	10	19	15	19	17	228	1	9	5	15
Abscess	5	3	1	2	1	1	1	1	1	2	18	1	..	1	2
Ulcer	..	1	..	..	1	..	1	3	..	..	6	..	..	1	1
Fistula	..	1	..	..	3	..	..	..	1	1	6	..	..	..	..
Mortification	3	5	6	2	3	1	3	3	7	3	36	..	..	3	3
Cancer	11	9	14	12	10	18	17	6	6	26	129	1	8	7	16
Gout	1	1	2	1	1	3	1	1	..	1	12	..	1	1	2
3.—Scrofula	2	2	1	6	1	10	4	3	5	1	35	7	..	..	7
Tabes Mesenterica	9	9	9	7	13	30	18	22	24	25	166	23	..	..	23
Phthisis (or Consumption)	133	140	123	130	106	128	120	107	83	114	1184	17	105	7	129
Hydrocephalus	29	45	31	26	38	43	33	27	37	26	335	29	1	..	30

* See Note, page 262.

in the THIRTY-THIRD Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 64°·6—Aug. 16.			
	62°·0 Aug. 21 1841	68°·2 Aug. 20 1842	66°·1 Aug. 19 1843	57°·9 Aug. 17 1844	55°·5 Aug. 16 1845	61°·8 Aug. 15 1846	62°·8 Aug. 14 1847	59°·0 Aug. 19 1848	60°·3 Aug. 18 1849	62°·6 Aug. 17 1850	Mean 61°·6 Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	13	10	8	13	14	15	11	14	8	7	113	10	1	..	11
Apoplexy	24	16	17	22	20	15	29	21	14	19	197	4	8	9	21
Paralysis	13	7	13	14	13	7	22	20	28	18	155	..	12	10	22
Delirium Tremens	1	5	1	3	1	1	..	3	4	5	24	..	3	..	3
Chorea	..	..	..	1	2	..	..	..	..	..	3	..	..	..	..
Epilepsy	6	6	1	6	6	7	3	6	5	4	50	1	6	1	8
Tetanus	..	..	..	1	1	..	2	..	..	1	5	..	..	..	..
Insanity	1	..	1	..	..	1	..	2	2	1	8	..	1	..	1
Convulsions	49	46	51	60	56	49	49	35	40	42	477	31	..	..	31
Disease of Brain, &c.	9	9	6	12	5	6	6	8	14	9	84	4	7	1	12
5.—Pericarditis	1	1	1	2	2	2	1	2	2	3	17	1	1	1	3
Aneurism	1	1	..	..	2	..	1	2	2	1	10	..	2	..	2
Disease of Heart, &c.	19	21	21	29	25	22	24	24	31	18	234	2	11	8	21
6.—Laryngitis	..	..	1	..	1	2	3	4	3	6	20	3	1	1	5
Bronchitis	4	4	1	5	17	23	26	22	34	25	161	11	3	10	24
Pleurisy	1	..	..	1	..	1	1	2	1	2	9	1	..	1	2
Pneumonia	51	57	34	52	57	18	39	34	37	28	407	24	10	4	38
Asthma	8	4	7	6	9	1	3	6	3	3	50	..	..	1	1
Disease of Lungs, &c.	12	12	10	13	12	11	7	12	5	5	99	2	5	2	9
7.—Teething	16	37	16	20	22	10	16	16	11	8	172	19	..	..	19
Quinsey	2	4	2	5	..	..	3	..	1	..	17	..	..	..	..
Gastritis } Enteritis	28	43	20	2 / 26	3 / 20	3 / 12	3 / 19	1 / 11	2 / 13	2 / 8	216	2 / 3	.. / ..	2 / 1	4 / 4
Peritonitis	1	1	3	..	2	6	5	6	4	5	33	1	1	..	2
Ascites	1	..	1	2	4	3	..	1	..	2	14	..	..	2	2
Ulceration (of Intestines)	2	4	2	2	3	5	2	2	..	2	24	..	4	..	4
Hernia	1	..	1	3	..	8	2	2	2	2	21	1	2	..	3
Ileus	2	3	2	5	1	1	3	2	2	2	23	..	1	2	3
Intussusception	1	..	..	..	1	..	2	2	1	..	7	..	..	1	1
Stricture of Intestinal Canal	..	1	2	..	1	2	1	..	..	..	7	1	..	..	1
Disease of Stomach, &c.	12	8	6	11	8	9	10	5	6	1	76	3	8	2	13
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	2	1	..	5	1	5	2	12	1	6	35	..	4	..	4
Jaundice	1	3	4	2	1	5	1	5	3	4	29	1	1	..	2
Disease of Liver	10	11	6	5	9	15	15	10	8	9	98	..	7	4	11
Disease of Spleen	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8.—Nephritis	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	5	1	2	8	..	2	1	3
Ischuria	..	2	..	..	..	..	..	..	1	..	3	..	1	..	1
Diabetes	..	2	1	..	2	..	..	1	1	..	7	..	..	..	..
Stone	1	..	1	..	..	1	..	1	1	..	5	..	1	1	2
Cystitis	..	..	..	..	..	2	1	..	..	2	5	..	..	..	..
Stricture of Urethra	..	4	1	1	1	1	..	..	1	1	10	..	..	..	..
Disease of Kidneys, &c.	4	3	4	7	6	3	5	4	7	7	50	..	3	3	6
9.—Paramenia	1	..	1	..	..	..	2	..	..	..	4	..	..	..	..
Ovarian Dropsy	..	..	..	1	..	1	..	..	..	1	3	..	2	..	2
Childbirth (*see* Metria)	3	8	4	4	4	6	7	3	6	6	51	..	5	..	5
Disease of Uterus, &c.	6	1	..	1	3	2	2	2	..	1	18	..	3	2	5
10.—Arthritis	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Rheumatism	..	1	..	3	1	6	3	2	3	3	22	1	3	..	4
Disease of Joints, &c.	2	2	1	4	4	4	4	3	3	4	31	2	2	..	4
11.—Carbuncle	..	..	..	..	1	..	2	..	..	..	3	..	..	..	..
Phlegmon	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Disease of Skin, &c.	..	1	1	1	..	1	1	..	1	1	7	1	..	..	1
17.—Intemperance	..	1	1	1	..	2	3	2	2	1	13	..	4	1	5
Privation of Food	1	..	..	..	..	..	1	..	..	..	2	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	5	2	5	12	10	..	..	10
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	1	1	..	2	..	1	..	1
Burns and Scalds	*	*	*	*	*	*	*	1	1	1	3	4	..	..	4
Hanging and Suffocation	*	*	*	*	*	*	*	2	1	..	3	..	..	..	..
Drowning	*	*	*	*	*	*	*	2	4	3	9	1	4	..	5
Fractures	*	*	*	*	*	*	*	10	10	7	27	5	6	2	13
Wounds	*	*	*	*	*	*	*	1	..	1	2	..	1	..	1
Other Violence	*	*	*	*	*	*	*	3	1	..	4	..	..	..	..
All Violence	14	16	21	20	23	42	28	20	18	12	214	10	12	2	24
Causes not specified	8	8	9	2	1	9	2	20	3	3	65	..	1	2	3

* See Note, page 262.

DEATHS Registered in the THIRTY-THIRD WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION† in		Mean Temperature for Week ending Saturday,											
			62·0 Aug. 21	68·2 Aug. 20	66·1 Aug. 19	57·9 Aug. 17	55·5 Aug. 16	61.8 Aug. 15	62·8 Aug. 14	59·0 Aug. 19	60·3 Aug. 18	62·6 Aug. 17	Mean 61°·6 Sum of 10 Weeks.	64·6 Aug. 16
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948369	2361640	776	959	795	932	864	967	1108	1019	2230	874	10524	1061
1-6. WEST DISTRICTS .	301189	376332	108	160	115	147	128	185	168	145	231	129	1516	161
7-11. NORTH DISTRICTS .	376568	490441	132	171	166	161	159	179	229	192	272	179	1840	217
12-19. CENTRAL DISTRICTS	374199	392986	142	162	163	177	138	158	200	188	307	154	1789	199
20-25. EAST DISTRICTS .	393067	485336	198	228	179	223	244	216	236	208	587	181	2500	196
26-36. SOUTH DISTRICTS .	503346	616545	196	238	172	224	195	229	275	286	833	231	2879	288
1. Kensington . . . HL	74898	119990	26	44	30	26	34	40	56	43	50	34	383	51
2. Chelsea . . . . *W*H	40243	56543	18	35	17	18	13	27	19	20	60	26	253	32
3. St. George Hanover-sq. H	66657	73207	15	23	23	26	20	50	20	25	36	21	259	26
4. Westminster . HHPP	56802	65609	24	34	26	49	31	33	50	25	55	26	353	34
5. St. Martin-in-the-Flds. H	25132	24557	10	11	12	9	11	15	11	16	14	6	115	3
6. St. James Westminster .	37457	36426	15	13	7	19	19	20	12	16	16	16	153	15
7. Marylebone . . . H	138383	157679	58	68	64	53	72	68	62	63	100	76	684	64
8. Hampstead	140078	11986	*	*	*	*	*	*	4	5	6	3	18	3
9. Pancras . . . *W*HH		167198	48	50	71	56	59	66	113	88	93	63	707	92
10. Islington . . . HP	55779	95154	18	32	24	29	16	27	28	26	54	25	279	33
11. Hackney . . . . H	42328	58424	8	21	7	23	12	18	22	10	19	12	152	25
12. St. Giles	54378	54062	17	29	24	21	18	21	20	16	48	26	240	33
13. Strand (wkh. in 9) . H	43667	44446	21	11	16	14	13	21	21	19	37	13	186	22
14. Holborn	44532	46571	15	22	13	29	23	22	28	23	34	23	232	23
15. Clerkenwell . . PP	56799	64705	18	27	28	27	19	19	39	38	27	29	271	28
16. St. Luke (wkh. in 20) L	49908	54058	16	21	27	17	21	23	27	23	31	21	227	30
17. East London . . . P	39718	44407	20	14	17	19	14	18	20	29	33	15	199	18
18. West London *W*HPPP	29188	28829	18	20	20	30	12	18	17	25	59	10	229	25
19. City of Lon. (wkh. in 25)	56009	55908	17	18	18	20	18	16	28	15	38	17	205	20
20. Shoreditch . . *W*L	83564	109209	42	48	43	43	45	57	47	49	153	40	567	29
21. Bethnal Green . . L	74206	90170	41	53	28	39	52	39	37	47	169	30	535	30
22. Whitechapel . . . H	71879	79756	45	39	43	41	44	39	67	37	88	37	480	36
23. St. George in the East .	41416	48375	17	24	22	30	23	19	28	21	36	20	240	28
24. Stepney . . . . H	90831	110669	40	49	31	54	58	45	40	42	102	39	500	48
25. Poplar . . . *W*L	31171	47157	13	15	12	16	22	17	17	12	39	15	178	25
26. St. Saviour . . HH	33027	35729	17	16	18	15	14	12	22	20	74	18	226	25
27 St. Olave . . . HH	19869	19367	19	31	17	24	18	11	23	15	43	9	210	22
28. Bermondsey	35002	48128	8	21	13	12	20	16	31	17	67	22	227	24
29. St. Geo. Southwk. LPP	46718	51825	19	20	19	26	21	23	25	17	89	18	277	21
30. Newington . . . P	54693	64805	21	26	18	25	23	20	28	27	88	24	300	24
31. Lambeth	116072	139240	51	46	35	45	33	57	59	54	166	46	592	55
32. Wandsworth . . . L	39918	50770	*	*	*	15	17	14	6	16	52	13	133	14
33. Camberwell . . . LL	39931	54668	12	19	10	29	9	27	24	25	63	16	234	31
34. Rotherhithe	13940	17778	2	3	5	3	4	6	6	14	37	8	88	10
35. Greenwich . HHHP	81125	99404	47	56	37	30	36	43	42	71	135	43	540	51
36. Lewisham . . . *W*	23051	34831	*	*	*	*	*	*	9	10	19	14	52	11

† Seamen and others on board vessels in the docks and river are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841-50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 10524; which, divided by 10, gives 1052 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 1052 divided by 10 is about 105, which added to 1052, makes the corrected average 1157. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 161 in 10 weeks; the average was 16; the corrected average 18. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831-41; 1·998 *per cent.* annually in the ten years, 1841-51; and 1·778 *per cent.* annually in the fifty years, 1801-51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841-50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5{\cdot}5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	1	.	1
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	2	2
2 Chelsea [North West]	2	1	3
2 *St. George Hanover Square* [*Chelsea N.W.*]	.	.	.
3 St. George Hanover Square [May Fair]	.	.	.
4 Westminster [St. Margaret]	1	.	1
5 St. Martin-in-the-Fields [Charing Cross]	.	.	.
6 St. James Westminster [Golden Square]	1	1	2
7 Marylebone [Rectory]	3	1	4
9 *Strand* [*Tottenham Court*]	.	1	1
9 Pancras [Camden Town]	2	3	5
10 Islington [West]	.	3	3
11 Hackney [Hackney]	.	1	1
12 St. Giles [South]	5	5	10
14 Holborn [St. Andrew East]	2	1	3
15 Clerkenwell [St. James]	.	.	.
17 East London [St. Botolph]	1	2	3
18 *East London* [*West London North*]	.	.	.
18 West London [North]	1	.	1
20 Shoreditch [Haggerstone West]	1	.	1
20 *St. Luke* [*Hoxton New Town*]	.	1	1
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	.	1	1
23 St. George-in-the-East [St. John]	2	.	2
24 Stepney [Shadwell]	1	1	2
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	1	.	1
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	1	.	1
25 *London City* [*Bow*]	2	3	5
25 Poplar [Poplar]	1	1	2
26 St. Saviour [Christchurch]	2	.	2
27 St. Olave [St. John Horselydown]	.	1	1
28 Bermondsey [St. Mary Magdalen]	2	1	3
29 St. George Southwark [Borough Road]	1	.	1
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2d]	2	1	3
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	1	.	1
33 Camberwell [Camberwell]	.	.	.
34 Rotherhithe	.	.	.
35 Greenwich [East]	1	2	3
36 Lewisham [Village]	.	1	1
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	37	34	71
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	6	.	6
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	2	.	2
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	8	.	8
General Hospitals:—			
3 St. George [Belgrave]	.	.	.
4 Westminster [St. Margaret]	.	.	.
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	1	.	1
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	3	1	4
13 King's College [St. Clement Danes]	1	4	5
18 St. Bartholomew [West London North]	12	4	16
22 London [Whitechapel Church]	4	2	6
27 Guy's [St. Olave and St. Saviour]	7	3	10
27 St. Thomas [St. Olave and St. Saviour]	4	1	5
Total	32	15	47
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	.	.	.
10 Fever [Islington West]	1	.	1
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	.	1
Total	2	.	2

	M.	F.	T.
HOSPITALS — *continued.*			
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	1	.	1
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	1	1
33 Peckham House [Camberwell]	.	1	1
33 Camberwell House [Camberwell]	.	.	.
Total	1	2	3
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	1	.	1
4 Coldstream Guards Hospital [ditto]	1	.	1
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	2	.	2
Total	4	.	4
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	2	.	2
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	2	.	2
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	37	34	71
Military and Naval Asylums	8	.	8
General Hospitals	32	15	47
Hospitals for Special Diseases	2	.	2
Lying-in Hospitals	.	.	.
Lunatic Asylums	1	2	3
Military and Naval Hospitals	4	.	4
Hospitals and Asylums for Foreigners	2	.	2
Prisons	.	.	.
Total in Public Institutions	86	51	137

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 16th August 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
AUGUST.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY . .	10	..	29·954	67·5	54·1	58·7	51·9	..	51·0	67·0	65·0	6·8	9·4	3·6	—2·7	N.N.E.	N. & Calm.	0·0	0·0	0·0	10	0·00
MONDAY. .	11	Full	29·976	74·3	53·4	60·2	52·3	79·0	48·0	67·5	65·5	7·9	11·7	0·4	—1·2	E.	E. & S.E.	0·0	0·0	0·0	70	0·00
TUESDAY .	12	..	29·925	82·0	54·8	69·3	60·9	98·0	50·0	67·8	65·2	8·4	13·1	1·4	+7·9	S.W.	S.	0·0	0·0	0·0	25	0·00
WEDNESDAY	13	..	29·799	81·9	61·8	69·8	64·7	99·0	55·0	68·2	66·8	5·1	9·2	4·0	+8·4	S.	Calm	0·0	0·0	0·0	85	0·01
THURSDAY.	14	Apogee	29·750	73·8	54·1	64·4	57·1	86·0	46·4	68·4	67·2	7·3	11·9	0·0	+3·0	W.	S. W.	2·0	0·0	0·3	150	0·00
FRIDAY . .	15	..	29·785	77·9	56·5	65·7	55·8	89·0	50·0	68·5	66·5	9·9	16·4	0·0	+4·4	W.S.W.	N.W.	0·0	0·0	0·0	70	0·00
SATURDAY.	16	In Equator.	29·846	75·6	51·1	63·9	55·2	80·0	48·0	68·5	67·0	8·7	13·2	3·2	+2·7	W.	S.W. & S.	0·0	0·0	0·0	100	0·00
MEANS . .		..	29·862	76·1	55·1	64·6	56·8	88·5	49·8	68·0	66·2	7·7	12·1	1·8	+3·2	Variable.		..	..	..	Sum 510	Sum 0·01
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	Positive, and tension strong through out the day.
MONDAY . .	Nothing was shown throughout the day.
TUESDAY . .	Postive, and strong tension during the evening.
WEDNESDAY	Positive, and at times negative between noon and 1h. P.M., volleys of sparks and galvanic currents were frequent; at other times during the day positive with variable tension.
THURSDAY .	Nothing was shown throughout the day.
FRIDAY . .	Nothing was shown throughout the day.
SATURDAY .	Positive, and tension moderate throughout the day.

GENERAL REMARKS.

The sky was covered with cirrostratus throughout the day.

The sky was for the most part covered with cloud during the morning and afternoon; at night it was cloudless; cumuli, cumulostrati, and cirrostrati.

Three fourths of the sky were covered till noon, one half covered till 5h. P.M., and overcast afterwards.

The sky, with slight exceptions, was covered with cloud till 9h. P.M., and the amount of cloud was variable afterwards; cumuli, cumulostrati, and cirrostrati. A heavy shower of rain fell at noon, and a few drops of rain fell at 8h. P.M. Frequent flashes of lightning, followed by thunder, occurred during the evening.

Three fourths of the sky were covered till noon, overcast till 6h. P.M., and the amount of cloud was variable afterwards; cumulostratus and cirrostratus.

The sky was one half covered with cloud till near noon. one fourth part was covered till 7h. P.M., and generally covered afterwards; cumuli, cumulostrati, and cirrostrati.

The sky was covered with cirrostratus of various densities throughout the day. Misty rain fell occasionally during the evening.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9 h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 68·0°; and the mean reading at 9h. P.M. was 65·8°; the mean readings at the Royal Observatory for the same times were 68·4° and 63·6° respectively.

The reading of the barometer increased from 29·93 in. at the beginning of the week to 29·99 in. on the 11th at 9h. A.M.; after noon on this day it began to decrease slowly, and was 29·73 in. on the 14th at 9h. P.M.; after which it increased to 29·88 in. on the 16th at 9h. A.M.; and decreased to 29·80 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

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HEALTH OF LONDON DURING THE WEEK.

The Weekly Return still discovers a high rate of mortality, though some improvement is observed in the last as compared with earlier weeks of this month. The deaths in the week ending July 26th were 956; in August they rose successively to 1010, 1038, and 1061; and they have again declined to 956. In the corresponding week of 1849, when epidemic cholera was raging, the total mortality rose to 2456 deaths, more than half of which were the consequence of its fatal violence; in the same week of 1847 it rose to 1057; but, with these exceptions, the number registered last week is higher than in any of the corresponding weeks of 1841–50.

Of the 956 persons who died last week, 502 were children under 15 years of age, 262 were 15 years or older but under 60 years, and 184 had reached 60 years or upwards. 290 children, whose deaths are now recorded, had not attained one year of age.

In the summer returns epidemics are in the ascendant, and this class now includes 314 fatal cases. Of this number, 168 are due to diarrhœa, dysentery, and cholera; next in amount is typhus, which with remittent fever, rheumatic, &c. counts 54; small-pox and measles number each 16, scarlatina 18, hooping cough 24, croup 5, and thrush 10.

Though scarlatina does not spread fatally at the present time, particular families have suffered severely; and in the notes of Registrars, a court in Deptford is reported where this disease in the malignant form has carried off two children, while a third has also been attacked in the same family, the house being without drainage, and consequently subject to an accumulation of nuisance.

The tubercular class in the table of this week is second in numerical importance; it comprises scrofula, which was the fatal cause in 10 cases, tabes mesenterica, and hydrocephalus, which number respectively 14 and 20, and phthisis (or consumption) which numbers 126. The mortality from this last-mentioned disease is about the ordinary amount.

The deaths ascribed to diseases of the respiratory organs are 72, those from diseases of the digestive organs 63, neither of these results differing much from the average at this season of the year.

Twenty deaths from cholera were registered in the week. The following are the particulars as recorded:—

In Paddington, at 20 Hampden-street, on 17th August, the daughter of a footman, aged 5 weeks, died of "English cholera (3 days)."

In Kensington, at 10 Queen's-road, on 19th August, the daughter of a gentleman, aged 7 months, "cholera infantum (4 days)."

At Hammersmith, 2 Elizabeth Cottages, Bridge-road, on 18th August, a man formerly in the Excise, 68 years, "English cholera (3 days)." The medical attendant adds: "I was not called till within 24 hours of death, and in the last stage of the disease; there was a degree of collapse and general lividity which had the appearance of Asiatic cholera."

In St. James, Westminster, at 18 St. James'-street, on 22d August, a dressmaker, aged 30 years, "cholera biliosa (14 days)."

In Charing-cross sub-district, at 22 Coventry-street, on 18th August, the son of a mariner, 11 weeks, "cholera infantum (3 days.)"

In Marylebone, at 32 Saville-street, on 20th August, the son of a single woman, aged 5 months, "cholera infantum (7 days)."

In Marylebone, at 78 High-street, on 17th August, the daughter of a tailor, aged 7 weeks, "cholera infantum (5 days)."

In Islington, West, at 4 Edward-crescent, on 21st August, the son of a wine-porter, aged 16 months, "cholera biliosa (3 days)."

In St. James, Clerkenwell, at 1 Ray street, on 16th August, the daughter of a shoemaker, aged 1 year, "cholera morbus."

In Amwell, at 38 Bowling-green-lane, on 16th August, the wife of a brass-founder, aged 35 years, "cholera (5 days)."

In St. Botolph sub-district, at Bishopsgate Workhouse, on 17th August, F. servant, aged 78 years, "choleraic diarrhœa (7 days)."

In St. Botolph, at 17 Carter-street, Aldgate, on 20th August, the son of a tailor, aged 11 months, "cholera infantum (6 days)."

In St. George-in-the-East, at 27 Lucas-street, on 17th August, the son of a policeman, aged 15 weeks, "cholera infantum (3 weeks)."

In Shadwell, at 18 Shakespeare's-walk, on 18th August, the daughter of a school-master, aged 5 months, "cholera infantum (8 days)."

In Mile-end Old Town, Lower, at 43 Edward-street, on 14th August, the daughter of a gunmaker, aged 14 days, "infantile cholera (5 days)."

In London-road sub-district, at 4 Tower-street, on 21st August, the son of a policeman, aged 8 months, "dentition (3 months), cholera infantum (5 days)."

In Peckham, at 13 Shards-square, on 17th August, the son of a female labourer, aged 8 months, "cholera infantum (2 days)."

In Peckham, at 25 Trafalgar-square, on 17th August, the daughter of a clerk in Inland Revenue-office, aged 8 months, "cholera, convulsions (5 days)."

In Peckham, at 15 Stockwell street, Old Kent-road, on 21st August the daughter of a bricklayer's labourer, aged 1 year, "bilious cholera (10 days)." Mr. Clark adds, that "this is the second death from the same cause in this house within 12 days." He was informed, that there is an open ditch at the back of the house into which all the drainage and soil from the whole row of houses is discharged.

In the sub-district of Woolwich Arsenal, at Brook Hill-road, on 18th August, the daughter of a milkman, aged 6 months, "cholera infantum (4 days)."

From the above list it appears that the summer epidemic has been fatal chiefly to young children, 4 only of the sufferers having been of mature years. The duration of illness is specified in 19 out of the 20 cases, and it will be seen that in only one of these did death ensue in a less period than 3 days. When "Asiatic" cholera prevails one half of the cases terminate within 24 hours; the disease which is common at this period of the year, and called "English" cholera, though not confined to this country alone, does not, in half of the fatal cases, produce death in less than 3 days.

The births of 772 boys and 683 girls, in all 1455 children, were registered in the week. The average of six corresponding weeks in 1845–50 was 1281.

At the Royal Observatory, Greenwich, the mean reading of the barometer was above 30 in. on Monday, Tuesday, and Wednesday; and the mean of the week was 29·941 in. The mean temperature of the week was 63·8°, or about 3° above the average of the same week in ten years. The temperature was highest on Thursday and Friday, the highest on each day having been 79·8°, and the mean about 68°, which is more than 7° above the average. The wind generally blew from the south-west.

The following selections are made from the Registrars' Reports:—

In Fulham, at Bone-shed, Fulham-fields, on 22d August, the son of an Irish labourer, aged 3 months, died of "diarrhœa (24 days), convulsions (1 day)." According to Mr. Knight's description, this is "the worst house in a row of wretched huts, situated in the midst of stagnant liquid filth, produced by a large number of pigs kept on the spot and fed on garbage."

In Islington East, at 18, Elliott's-place, on 16th August, a chaffcutter, aged 77 years, died of "diarrhœa." Mr. Butterfield remarks that "sufficient attention is not paid here to the removal of dust, offal, &c."

At Upper Clapton, on 18th August, the son of a wharfinger, aged 7 years, died of "scarlatina maligna (4 days)." Another child (says Mr. Montaigne) has since died, and two or three others in the family are not expected to live. The situation is the healthiest part of Upper Clapton.

In Deptford, at 7 Mason's-court, Mason-street, on 20th and 21st August, the sons of a tailor, aged respectively 10 and 4 years, died of "scarlatina maligna." Mr. Marchant states, that "the court where these two children died is very confined, being formed by a high wall on one side within a few feet of the houses on the other. There is no house drainage; and according to informant the privies in the rear are overflowing. A third child is suffering from the same malignant disease in the same house."

Births Registered last Week, and in the Thirty-fourth Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
Total. . . .	1129	1278	1223	1325	1317	1416	1281	1455*
Males . . .	576	639	628	663	664	733	650	772
Females . .	553	639	595	662	653	683	631	683

Deaths Registered last Week, and in the Thirty-fourth Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
Total. . .		745	895	842	936	844	902	1057	951	2456	905	1053·3	956*
Males . .		376	470	433	485	446	480	520	486	1170	464	533·0	502
Females .		369	425	409	451	398	422	537	465	1286	441	520·3	454
Deaths at three periods of life . .	Ages.												
	0—15	371	465	426	503	443	465	560	477	907	432	504·9	502
	15—60	240	262	271	284	250	267	301	300	1107	318	360·0	262
	60 & up.	134	167	143	148	151	169	196	167	440	155	187·0	184

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

* The return of births and deaths for the sub-district of Bow was not received in time for insertion in the Tables. Averages of 14 births and 8 deaths, derived from the numbers of the previous six weeks, are inserted instead; and in the Table of Diseases the 8 deaths are placed to *Causes not specified.*

Births and Deaths Registered in London in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	May 31.	June 7.	June 14.	June 21.	June 28.	July 5.	July 12.	July 19.	July 26.	Aug. 2.	Aug. 9.	Aug. 16.	Aug. 23.
Births	1533	1446	1292	1482	1439	1530	1346	1407	1383	1451	1477	1500	1455
Deaths	990	961	931	968	1032	1003	881	873	956	1010	1038	1061	956
Deaths (except from Violence) . . .	960	938	900	925	953	950	869	853	936	992	1025	1037	944
Deaths (except from Violence) at 60 years and upwards . .	181	175	171	163	174	193	156	170	168	192	180	177	183
Scarlatina	10	15	24	19	14	22	13	6	18	14	25	17	18
Typhus	32	40	35	35	38	46	28	32	59	53	50	53	41
Diarrhœa & Dysentery	22	15	16	16	21	27	53	67	85	146	146	162	148
Cholera	..	..	1	1	1	5	9	8	12	12	16	28	20
Mean Temperature .	55°·6	55°·2	55°·9	60°·2	62°·3	62°·9	59°·6	58°·1	60°·0	63°·4	64°·1	64°·6	63°·8

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 63°·8—Aug. 23.			
	60°·3	65°·3	58°·8	57°·8	56°·1	60°·5	64°·2	57°·7	62°·9	57°·0	Mean 60°·0				
	Aug. 28	Aug. 27	Aug. 26	Aug. 24	Aug. 23	Aug. 22	Aug. 21	Aug. 26	Aug. 25	Aug. 24	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
ALL CAUSES	745	895	842	936	844	902	1057	951	2456	905	10533	502	262	184	956†
SPECIFIED CAUSES	737	885	840	936	843	901	1056	943	2451	904	10496	500	260	184	944
1. Zymotic Diseases	125	193	178	268	203	259	377	363	1712	252	3930	254	35	25	314
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	44	58	48	50	52	35	42	47	52	45	473	6	17	21	44
3. Tubercular Diseases	161	196	189	162	173	205	180	139	182	166	1753	56	103	11	170
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	103	115	117	109	109	95	113	97	108	94	1060	47	24	25	96
5. Diseases of the Heart and Blood-vessels	17	14	16	32	25	26	30	31	32	36	259	2	12	4	18
6. Diseases of the Lungs, and of the other Organs of Respiration	71	63	63	72	78	63	78	76	93	64	721	25	19	28	72
7. Diseases of the Stomach, Liver, and other Organs of Digestion	67	97	78	76	57	74	90	61	77	63	740	24	23	16	63
8. Diseases of the Kidneys, &c.	4	5	3	8	4	5	10	10	8	17	74	..	7	6	13
9. Childbirth, Diseases of the Uterus, &c.	12	2	11	11	6	5	12	10	10	11	90	..	8	1	9
10. Rheumatism, Diseases of the Bones, Joints, &c.	7	6	6	9	8	7	13	3	4	5	68	1	4	3	8
11. Diseases of the Skin, Cellular Tissue, &c.	..	1	1	..	1	1	4	1	..	1	10	..	..	..	..
12. Malformations	..	1	..	3	3	2	5	1	7	1	23	3	..	..	3
13. Premature Birth & Debility	22	21	22	22	22	22	22	13	34	26	226	30	1	..	31
14. Atrophy	14	18	9	18	32	36	33	27	37	34	258	39	..	1	40
15. Age	53	61	45	63	47	33	31	28	48	46	455	..	..	39	39
16. Sudden	12	11	19	12	5	4	3	7	8	9	90	2	2	2	6
17. Violence, Privation, Cold, and Intemperance	25	23	35	21	18	29	13	29	39	34	266	11	5	2	18
1.—Small-pox	7	12	4	47	12	9	24	32	6	8	161	14	2	..	16
Measles	23	24	25	23	62	6	44	6	16	11	240	15	1	..	16
Scarlatina	17	28	34	93	14	10	29	102	18	19	364	17	1	..	18
Hooping Cough	24	10	15	9	25	18	21	23	29	25	199	24	..	..	24
Croup	9	3	8	8	8	5	3	3	6	7	60	5	..	..	5
Thrush	6	8	6	11	10	10	2	8	7	4	72	10	..	..	10
Diarrhœa	15	67	33	29	35	145	138	63	240	118	883	122	6	15	143
Dysentery	3	4	11	4	3	9	23	14	23	4	98	2	2	1	5
Cholera	2	16	6	3	4	15	11	7	1272	5	1341	16	2	2	20
Influenza	..	1	..	..	1	..	..	1	2	2	7	..	..	1	1
Purpura and Scurvy	1	..	..	..	1	1	5	1	1	..	10	..	..	..	..
Ague	..	..	1	1	..	..	..	..	..	..	2	..	..	..	..
Remittent Fever	..	..	..	1	..	..	4	2	..	3	10	2	1	1	4
Infantile Fever	*	*	*	*	*	*	*	..	1	..	1	4	..	..	4
Typhus	15	15	33	32	22	26	62	87	77	33	402	21	15	5	41
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	2	2	2	6	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	1	2	1	4	..	2	..	2
Erysipelas	1	4	1	6	6	5	7	10	9	6	55	1	..	..	1
Syphilis	2	1	1	1	..	..	3	1	1	4	14	1	..	..	1
Noma (or Canker)	*	*	*	*	*	..	1	..	..	..	1	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	1	1	4	2	1	3	3	5	4	4	28	1	1	1	3
Dropsy	27	37	29	30	25	11	17	14	17	13	220	4	4	7	15
Abscess	1	2	2	4	5	1	4	..	3	2	24	..	..	1	1
Ulcer	1	..	..	..	..	..	3	2	..	1	7	..	..	..	..
Fistula	..	..	..	1	1	..	..	1	..	1	4	..	..	..	..
Mortification	6	2	4	2	3	4	3	5	3	3	35	1	1	5	7
Cancer	8	13	8	10	16	15	11	19	24	20	144	..	11	6	17
Gout	..	3	1	1	1	1	1	1	1	1	11	..	..	1	1
3.—Scrofula	5	3	1	2	1	6	8	5	1	5	37	5	3	2	10
Tabes Mesenterica	8	7	11	12	13	25	37	16	27	20	176	14	..	..	14
Phthisis (or Consumption)	119	150	145	116	124	144	102	101	123	117	1241	17	100	9	126
Hydrocephalus	29	36	32	32	35	30	33	17	31	24	299	20	..	..	20

* See Note, page 270.

† See Note, page 267.

in the THIRTY-FOURTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 63°·8—Aug. 23.			
	60°·3 Aug. 28 1841	65°·3 Aug. 27 1842	58°·8 Aug. 26 1843	57°·8 Aug. 24 1844	56°·1 Aug. 23 1845	60°·5 Aug. 22 1846	64°·2 Aug. 21 1847	57°·7 Aug. 26 1848	62°·9 Aug. 25 1849	57°·0 Aug. 24 1850	Mean 60°·0 Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	11	16	8	10	7	11	6	11	6	10	96	10	2	1	13
Apoplexy	11	20	15	19	25	21	17	20	18	25	191	5	8	10	23
Paralysis	12	8	12	12	8	10	20	18	19	18	137	1	7	10	18
Delirium Tremens	2	2	2	1	4	2	4	2	8	7	34	..	2	..	2
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy	5	2	3	5	9	5	9	3	6	4	51	2	2	1	5
Tetanus	..	..	..	2	..	..	..	..	..	..	2	..	..	..	..
Insanity	1	..	1	4	..	2	1	2	4	1	16	..	2	1	3
Convulsions	55	61	71	42	45	35	40	26	39	22	436	27	..	..	27
Disease of Brain, &c.	6	6	5	14	11	9	16	15	8	7	97	2	1	2	5
5.—Pericarditis	..	..	..	1	1	3	4	2	3	3	17	..	..	..	..
Aneurism	1	..	..	1	1	..	2	4	..	1	10	..	1	..	1
Disease of Heart, &c.	16	14	16	30	23	23	24	25	29	32	232	2	11	4	17
6.—Laryngitis	..	..	..	1	3	1	3	..	4	3	15	2	..	..	2
Bronchitis	5	3	7	9	14	14	21	30	37	20	160	7	8	18	33
Pleurisy	..	..	1	2	5	1	4	2	2	..	17	..	1	..	1
Pneumonia	49	42	36	49	40	30	25	30	40	29	370	15	5	2	22
Asthma	11	5	7	5	11	10	6	4	4	5	68	1	3	3	7
Disease of Lungs, &c.	6	13	12	6	5	7	19	10	6	7	91	..	2	5	7
7.—Teething	11	32	25	21	21	7	17	9	15	8	166	11	..	..	11
Quinsey	1	2	3	3	1	..	1	3	1	2	17	1	..	..	1
Gastritis, Enteritis	25	37	20	1 / 18	.. / 16	1 / 12	1 / 24	1 / 11	1 / 15	2 / 9	194	1 / 2	2 / 5	.. / 1	3 / 8
Peritonitis	1	1	1	2	2	4	8	2	4	5	30	4	2	..	6
Ascites	1	2	2	1	..	2	5	3	3	3	22	..	..	..	..
Ulceration (of Intestines)	2	2	6	3	3	5	3	2	6	4	36	..	1	2	3
Hernia	4	1	1	..	2	2	1	3	5	1	20	..	1	3	4
Ileus	4	5	2	3	2	3	4	4	3	1	31	..	1	1	2
Intussusception	..	..	1	..	..	..	..	2	1	..	4	..	1	..	1
Stricture of Intestinal Canal	..	1	..	..	..	3	..	1	..	1	6	..	..	..	..
Disease of Stomach, &c.	5	3	8	8	3	12	13	8	4	5	69	3	2	3	8
Disease of Pancreas	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Hepatitis	4	..	1	1	2	7	5	5	2	4	31	..	2	..	2
Jaundice	..	1	1	3	..	4	1	1	4	5	20	2	3	..	5
Disease of Liver	9	8	7	12	5	11	7	5	13	12	89	..	3	6	9
Disease of Spleen	..	2	..	..	..	1	..	1	..	..	4	..	..	..	..
8.—Nephritis	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	2	1	4	7	..	1	2	3
Ischuria	..	..	..	..	..	..	..	..	1	1	2	..	..	..	..
Diabetes	1	2	..	..	1	..	..	1	1	1	7	..	1	..	1
Stone	1	..	..	1	1	1	..	..	2	1	7	..	..	..	..
Cystitis	..	..	..	..	1	..	1	..	..	1	3	..	..	..	..
Stricture of Urethra	..	1	..	2	..	1	..	..	2	1	7	..	2	..	2
Disease of Kidneys, &c.	2	1	3	5	1	3	9	7	1	8	40	..	3	4	7
9.—Paramenia	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Ovarian Dropsy	2	..	1	1	..	..	..	..	2	4	10	..	1	..	1
Childbirth (*see* Metria)	7	2	8	6	5	3	10	4	6	6	57	..	4	..	4
Disease of Uterus, &c.	2	..	2	4	1	2	2	6	2	1	22	..	3	1	4
10.—Arthritis	..	..	..	..	1	..	1	..	..	..	2	..	..	..	..
Rheumatism	3	3	3	2	5	2	8	3	1	3	33	..	2	3	5
Disease of Joints, &c.	4	3	3	7	2	5	4	..	3	2	33	1	2	..	3
11.—Carbuncle	..	1	..	..	..	..	..	1	..	1	3	..	..	..	..
Phlegmon	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Disease of Skin, &c.	..	..	1	..	1	1	3	..	..	..	6	..	..	..	..
17.—Intemperance	2	..	..	..	..	1	..	1	..	1	5	..	..	..	..
Privation of Food	..	..	..	..	..	..	2	..	..	..	2	..	..	1	1
Want of Breast-milk	*	*	*	*	*	*	*	7	10	1	18	5	..	..	5
Neglect	*	*	*	*	*	*	*	..	1	..	1	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	1	2	..	3	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	1	..	2	3	2	..	..	2
Hanging and Suffocation	*	*	*	*	*	*	*	2	2	7	11	2	..	..	2
Drowning	*	*	*	*	*	*	*	7	8	9	24	..	3	..	3
Fractures	*	*	*	*	*	*	*	8	13	8	29	2	2	1	5
Wounds	*	*	*	*	*	*	*	..	1	3	4	..	..	..	..
Other Violence	*	*	*	*	*	*	*	2	2	3	7	..	..	..	..
All Violence	23	23	35	21	18	28	11	21	28	32	240	6	5	1	12
Causes not specified	8	10	2	..	1	1	1	8	5	1	37	2	2	..	12†

* See Note, page 270.

† See Note, page 267.

DEATHS Registered in the THIRTY-FOURTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION† in		Mean Temperature for the Week ending Saturday,											
			60°·3 Aug. 28	65°·3 Aug. 27	58°·8 Aug. 26	57°·8 Aug. 24	56°·1 Aug. 23	60°·5 Aug. 22	64°·2 Aug. 21	57°·7 Aug. 26	62°·9 Aug. 25	57°·0 Aug. 24	Mean 60°·0 Sum of 10 Weeks.	63°·8 Aug. 23
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948369	2361640	745	895	842	936	844	902	1057	951	2456	905	10533	956
1–6. WEST DISTRICTS .	301189	376332	110	129	125	152	108	123	191	155	282	130	1505	151
7–11. NORTH DISTRICTS .	376568	490441	130	167	139	180	146	176	206	186	363	182	1875	187
12–19. CENTRAL DISTRICTS	374199	392986	139	170	166	179	168	174	207	161	365	127	1856	173
20–25. EAST DISTRICTS .	393067	485336	173	219	199	194	224	205	217	189	651	219	2490	205
26–36. SOUTH DISTRICTS .	503346	616545	193	210	213	231	198	224	236	260	795	247	2807	240
1. Kensington . . . HL	74898	119990	33	27	26	40	23	40	37	33	70	34	363	42
2. Chelsea . . . . *W*H	40243	56543	16	21	25	23	16	20	30	24	49	26	250	23
3. St. George Hanover-sq. H	66657	73207	21	38	26	32	20	19	40	30	42	23	291	32
4. Westminster. . HHPP	56802	65609	14	24	27	35	32	20	46	47	77	27	349	33
5. St. Martin-in-the-Flds. H	25132	24557	8	7	9	13	9	11	15	7	16	7	102	9
6. St. James Westminster .	37457	36426	18	12	12	9	8	13	23	14	28	13	150	12
7. Marylebone . . . H	138383	157679	47	65	54	63	51	55	63	60	117	52	627	60
8. Hampstead . . . . }	140078	11986	*	*	*	*	*	*	2	5	5	3	15	3
9. Pancras . . . *W*HH }		167198	52	40	50	74	63	66	99	72	130	78	724	80
10. Islington . . . HP	55779	95154	14	38	19	26	22	36	27	33	74	33	322	28
11. Hackney . . . . H	42328	58424	17	24	16	17	10	19	15	16	37	16	187	16
12. St. Giles	54378	54062	25	33	28	19	18	32	33	13	59	14	274	29
13. Strand (wkh. in 9) . H	43667	44446	19	17	25	20	19	28	21	15	38	8	210	21
14. Holborn	44532	46571	10	17	13	28	21	22	34	21	41	20	227	16
15. Clerkenwell . . PP	56799	64705	19	25	27	29	15	21	33	24	40	21	254	29
16. St. Luke (wkh. in 20) L	49908	54058	13	28	22	35	31	20	28	24	56	19	276	23
17. East London . . . P	39718	44407	21	10	15	18	24	21	26	29	38	10	212	22
18. West London *W*HPPP	29188	28829	19	18	18	18	22	18	22	19	49	24	227	19
19. City of Lon. (wkh. in 25)	56009	55908	13	22	18	12	18	12	10	16	44	11	176	14
20. Shoreditch . . *W*L	83564	109209	46	50	51	42	52	38	44	45	178	45	591	48
21. Bethnal Green . . L	74206	90170	32	45	30	38	35	39	25	36	184	40	504	24
22. Whitechapel . . . H	71879	79756	36	49	36	39	49	35	51	34	99	46	474	48
23. St. George-in-the-East .	41416	48375	10	13	25	19	21	29	26	14	31	24	212	22
24. Stepney . . . . H	90831	110669	36	45	41	50	45	46	47	45	115	46	516	45
25. Poplar. . . . *W*L	31171	47157	13	17	16	6	22	18	24	15	44	18	193	18
26. St. Saviour . . HH	33027	35729	8	13	16	16	13	13	12	13	78	14	196	16
27. St. Olave . . . HH	19869	19367	16	28	17	21	16	21	14	20	43	31	227	17
28. Bermondsey	35002	48128	20	15	22	8	17	11	27	24	84	20	248	14
29. St. Geo. Southwk. LPP	46718	51825	20	19	20	25	23	11	26	19	73	22	258	22
30. Newington . . . P	54693	64805	23	22	26	27	16	20	19	27	97	28	305	31
31. Lambeth	116072	139240	39	47	49	49	48	43	51	59	149	60	594	48
32. Wandsworth . . . L	39918	50770	*	*	*	14	11	26	13	20	39	12	135	22
33. Camberwell . . . LL	39931	54668	10	22	16	19	12	20	7	21	68	15	210	14
34. Rotherhithe	13940	17778	8	7	6	3	7	11	7	4	31	2	86	8
35. Greenwich . HHHP	81125	99404	49	37	41	49	35	48	44	43	119	31	496	36
36. Lewisham. . . . *W*	23051	34831	*	*	*	*	*	*	16	10	14	12	52	12

† Seamen and others on board vessels in the docks and river are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 10533; which divided by 10 gives 1053 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 1053 divided by 10 is about 105, which added to 1053, makes the corrected average 1158. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 161 in 10 weeks; the average was 16; the corrected average 18. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831–41; 1·998 *per cent.* annually in the ten years, 1841–51; and 1·778 *per cent.* annually in the fifty years, 1801–51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5\cdot5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	2	.	2
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	1	.	1
2 *St. George Hanover Square [Chelsea N.W.]*	.	1	1
3 St. George Hanover Square [May Fair]	2	1	3
4 Westminster [St. Margaret]	1	2	3
5 St. Martin-in-the-Fields [Charing Cross]	.	.	.
6 St. James Westminster [Golden Square]	.	.	.
7 Marylebone [Rectory]	4	5	9
9 *Strand [Tottenham Court]*	.	.	.
9 Pancras [Camden Town]	6	3	9
10 Islington [West]	.	.	.
11 Hackney [Hackney]	1	1	2
12 St. Giles [South]	4	2	6
14 Holborn [St. Andrew East]	.	.	.
15 Clerkenwell [St. James]	2	2	4
17 East London [St. Botolph]	.	3	3
18 *East London [West London North]*	1	.	1
18 West London [North]	.	.	.
20 Shoreditch [Haggerstone West]	2	3	5
20 *St. Luke [Hoxton New Town]*	1	3	4
21 Bethnal Green [The Green]	1	.	1
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	2	1	3
23 St. George-in-the-East [St. John]	1	.	1
24 Stepney [Shadwell]	.	2	2
24 Stepney [Ratcliff]	.	1	1
24 Stepney [Mile End Old Town Lower]	3	.	3
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	.	.	.
25 Poplar [Poplar]	1	.	1
26 St. Saviour [Christchurch]	.	1	1
27 St. Olave [St. John Horselydown]	2	.	2
28 Bermondsey [St. Mary Magdalen]	1	.	1
29 St. George Southwark [Borough Road]	1	.	1
30 Newington [St. Peter Walworth]	.	2	2
31 Lambeth [Lambeth Church 2d]	6	1	7
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	1	.	1
32 Wandsworth [Battersea]	.	2	2
33 Camberwell [Camberwell]	.	.	.
34 Rotherhithe	.	.	.
35 Greenwich [East]	.	2	2
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	46	38	84
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	4	.	4
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	3	.	3
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	7	.	7
General Hospitals:—			
3 St. George [Belgrave]	4	4	8
4 Westminster [St. Margaret]	1	1	2
5 Charing Cross [Charing Cross]	.	1	1
7 Middlesex [All Souls]	.	2	2
9 University College [Tottenham Court]	3	3	6
9 Royal Free Hospital [Gray's Inn Lane]	.	.	.
13 King's College [St. Clement Danes]	1	2	3
18 St. Bartholomew [West London North]	5	5	10
22 London [Whitechapel Church]	5	.	5
27 Guy's [St. Olave and St. Saviour]	2	2	4
27 St. Thomas [St. Olave & St. Saviour]	3	.	3
Total	24	20	44
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	3	.	3
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	1	2
Total	4	1	5

	M.	F.	T.
HOSPITALS—*continued.*			
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	1	1
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northum. House [Stoke Newington]	.	1	1
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	1	.	1
21 Warburton's [Bethnal Green]	.	3	3
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	1	1
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	.	.
Total	1	6	7
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	1	.	1
4 Coldstream Guards Hospital [ditto]	1	.	1
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	1	.	1
Total	3	.	3
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	1	.	1
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	1	.	1
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	46	38	84
Military and Naval Asylums	7	.	7
General Hospitals	24	20	44
Hospitals for Special Diseases	4	1	5
Lying-in-Hospitals	.	.	.
Lunatic Asylums	1	6	7
Military and Naval Hospitals	3	.	3
Hospitals and Asylums for Foreigners	1	.	1
Prisons	.	.	.
Total in Public Institutions	86	65	151

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 23d Aug. 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 7 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Amount of Horizontal Movement of the Air in each day. Whewell's.	Rain in inches, read at 9h. p.m.
AUGUST.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	17	..	29·761	77·0	59·2	65·9	58·9	..	53·0	68·8	67·0	7·0	11·4	1·3	+2·0	S.W.	S.W.	3·5	0·0	0·2	145	0·71
MONDAY .	18	..	30·024	67·3	51·4	57·7	51·6	74·0	48·0	68·5	66·8	6·1	11·5	3·8	—3·3	N.	N.N.E. & Calm.	0·0	0·0	0·0	55	0·00
TUESDAY .	19	..	30·210	71·5	42·4	59·0	47·8	95·0	36·0	68·4	65·2	11·2	16·8	1·4	—1·9	Calm	Calm	0·0	0·0	0·0	110	0·00
WEDNESDAY	20	Last Quarter.	30·096	79·6	49·4	65·4	51·0	85·0	42·0	68·2	67·2	14·4	18·5	4·2	+4·7	Calm	S.W.	0·0	0·0	0·0	100	0·00
THURSDAY .	21	..	29·927	79·8	55·3	67·8	57·6	82·0	48·0	68·8	67·0	10·2	17·3	1·8	+7·2	Calm	W.	2·0	0·0	0·1	135	0·00
FRIDAY .	22	Greatest Dec. N.	29·837	79·8	58·2	68·2	58·6	..	51·5	69·0	67·5	9·6	15·9	4·2	+7·7	W.S.W.	S.W.	2·0	0·0	0·1	75	0·00
SATURDAY .	23	..	29·735	72·3	58·7	63·5	56·2	..	50·0	69·2	68·0	7·3	10·4	2·7	+3·1	S.W.	S.W. & Calm.	1·0	0·0	0·0	140	0·00
MEANS . .		..	29·941	75·3	53·5	63·8	54·4	4 days 84·0	46·9	68·7	67·0	9·4	14·5	2·8	+2·8	S.W.		..	..	..	Sum 760	Sum 0·71
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	Positive, and tension strong during the morning.
MONDAY. .	Nothing was shown throughout the day.
TUESDAY .	Nothing was shown throughout the day.
WEDNESDAY	Positive, and tension strong during the afternoon.
THURSDAY .	Positive, and tension moderate throughout the day.
FRIDAY . .	Positive, and tension weak during the morning.
SATURDAY .	Nothing was shown throughout the day.

GENERAL REMARKS.

The sky was covered with cloud until the evening; cumulostratus, cirrostratus, and scud. Heavy showers of rain fell during the afternoon. At 7h. 45m. P.M. lightning was observed.

The sky was overcast till noon, three fourths were covered till 5h. P.M., and clear afterwards; cumulostratus and cirrostratus.

The sky was generally clear throughout the day.

The sky was clear until noon, during the afternoon three fourths were frequently covered with cloud, and clear at night.

Three fourths of the sky were covered till noon, and it was generally clear during the remainder of the day; stratus and light cirri.

Clouds were prevalent for short intervals during the earlier portion of the morning, and occasionally during the afternoon; at other times during the day the sky was cloudless.

The sky was covered with cloud until 7h. P.M., and clear afterwards; cirrostratus. A few drops of rain fell at noon.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R.S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 65·3°; and the mean reading at 9h. P.M. was 62·0°; the mean readings at the Royal Observatory for the same times were 66·0° and 59·3° respectively.

The reading of the barometer decreased from 29·80 in. at the beginning of the week to 29·77 in. by 11h. P.M. on the 17th; increased to 30·23 in. by 0h. on the 19th; decreased to 29·71 in. by 3h. on the 23d, after which it turned to increase slowly.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, August 30. [No. 35.

HEALTH OF LONDON DURING THE WEEK.

The weekly Reports have not been recently of the most favourable character. During five weeks that have run since July 26th, the deaths, except in one instance, have ranged above 1000; in the week ending August 16th they reached 1061, and in the week which ended last Saturday they again rose to the same number. The 1061 deaths now returned indicate not only a high rate of mortality for London as compared with more open districts of the country, but an increased amount as measured by former experience in the metropolitan districts, at the same season of the year. In the corresponding week of 1849, when epidemic cholera had nearly attained its highest point, 2796 deaths were registered in London; but with that and another exception the deaths in the corresponding weeks of 1841–50 did not reach 1000, and were generally under 900.

Of the whole number of persons who died last week, nearly one half had not completed their fifth year of existence.

Of the whole number of deaths more than one-third are classed as caused by epidemic diseases, among which diarrhœa, cholera, and typhus predominate. This class, which numbered 314 in the previous week, has risen to 378; it includes small-pox, which was fatal in 17 cases, measles, scarlatina, hooping-cough, which count respectively 18, 20, and 26, while 60 cases are due to typhus, remittent, and other fevers, 174 to diarrhœa, 7 to dysentery, and 28 to cholera.

On the 25th August, at 9 Speedy-place, Gray's-inn-lane, the son of a coach-painter, aged 9 years, died of "typhus, after 14 day's illness." The medical attendant makes the following observations in connexion with this case: "There is a drain in Speedy-place which runs under the floors and emits the most abominable and injurious stench. In the four houses, No. 6 to 10, there are several cases of very bad fever. I suggested to the landlord lime-whiting, and such other measures as were calculated to prevent the further spread of the disease, but nothing has yet been done to relieve the occupiers."

In a family at Upper Clapton, three children have died of "scarlatina maligna" within 7 days; and in another in Gibraltar-place, Hackney-road, two have died within the same period of the same disease, while a third is dangerously ill.

Diarrhœa appears to increase; the following numbers, which comprise also fatal cases of dysentery, show its progress during the last six weeks: 85, 146, 146, 162, 148, and in last week 181. A case of diarrhœa occurred to a child in Duddy's-rents, Cross-street, Islington. The Registrar remarks, that "the sanitary arrangements of the 'Rents' are defective in every particular."

In the first three weeks of August, the fatal cases of cholera were 16, 28, 19*; in the last week they again rose to 28. The following are the particulars of last week's cases:—

In Paddington, at 56 Westbourne-grove, on 23d August, the son of a solicitor, aged 3 months, died of "cholera infantum (12 hours)."

In Paddington, at 56 Bathurst-mews, on 27th August, the daughter of a coach-man, aged 20 days, "cholera biliosa (3 days)."

In Paddington, at 58 Star-street, on 25th August, the wife of a servant, aged 28 years, "diarrhœa (1 week), cholera (40 hours)."

* Erratum in Return, No. 34, page 265, at the bottom. For *cholera biliosa*, in St. James, Westminster, read *cholica biliosa*.

In Kensington, at 14 Earl-street, on 21st August, the daughter of a labourer, aged 6 months, "cholera infantum."

In Brompton, at 10 New-court, on 24th August, the daughter of a labourer, aged 3 months, "cholera infantum (1 week), improper food."

In Brompton, at 4 North-row, Earl's-court, on 25th August, the son of a wet-nurse, aged 7 months, "cholera infantum following neglected diarrhœa of a fortnight's duration."

In Belgrave sub-district, at 3 Queen-street, on 26th August, the daughter of a brewer's man, aged 9 months, "cholera infantum (4 days) dry-nursed."

In Westminster, St. John's, at 28 Lillington-street, on 22d August, the daughter of a porter, aged 8 months, "cholera infantum (1 week)."

In the same sub-district, at 16 Bessborough-place, Belgrave-road, on 26th August, the son of a journeyman joiner, aged 7 months, "cholera infantum (2 days)."

In the same sub-district, at 16 New-street, on 25th August, a spinster, aged 30 years, "bilious cholera (14 days), hysteria and delirium (9 days)."

In St. Margaret, Westminster, at 8 Gardener's-lane, King-street, on 23d August, the daughter of a labourer, aged 2 months, "cholera (2 weeks)."

In Somers-town, at 10 Crescent-street, on 19th August, the daughter of a wood-carver, aged 2 months, "cholera infantum (6 weeks)."

In Islington East, at Mansion-house, Lower-road, on 24th August, the son of a proctor, aged 8 months, "cholera infantum (6 days), hydrocephalus internus (2 days)."

In West Hackney, at 15 Beauvoir-terrace, on 21st August, a gentleman, aged 80 years, "cholera (5 days), exhaustion."

At 3 Houghton-street, St. Clement-danes, on 24th August, the son of a bricklayer, aged 1 month, "cholera (1 week)."

At Gray's-inn-lane, in Union Workhouse, on 23d August, a painter, aged 32 years, "English cholera (6 days)."

In West London, North sub-district, at 45 Fleet-lane, on 24th August, the son of an undertaker, aged 11 weeks, "cholera (24 hours)."

In Hoxton New Town, at 27 Herbert-street, on 25th August, the widow of an ironmonger, aged 51 years, "cholera, Asiatic, (34 hours)."

In Hackney-road sub-district, at 10 Clarence-place, on 26th August, the son of an organ-builder, aged 6 months, "dentition (2 months), cholera infantum (4 days)."

In Bethnal-green, at 2 Baker-street, on 27th August, the daughter of a traveller, aged 1 month, "cholera infantum (5 days)."

At 60 Wheeler-street, Christ Church, Spitalfields, on 23d August, a weaver, aged 76 years, "bilious cholera (3 days)."

In St. George-in-the-East, at 5 Upper Cornwell-street, on 24th August, the wife of a sugar-baker, aged 36 years, "neglected diarrhœa (7 days), cholera (26 hours)."

In Shadwell, at 23 New Gravel-lane, on 22d August, the daughter of a mariner, aged 9 months, "cholera infantum (16 days)."

In Borough-road sub-district, at Drapers' Alms-houses, Hill-street, on 23d August, a widow, aged 72 years, "English cholera (3 days)."

In Peckham, at 8 George-street, Asylum-road, on 23d August, the daughter of a railway clerk, aged 5 weeks, "cholera infantum (8 days)."

In Rotherhithe, at 2 Seven Houses, Lower-road, on 24th August, the daughter of a labourer, aged 1 year, "cholera infantum (6 days)."

In Greenwich, West, at 15 Morden-street, on 29th August, a milkman, aged 67 years, "English cholera (1 week), exhaustion from age."

At Greenwich Hospital, on 27th August, a pensioner, aged 64 years, "cholera (12 hours)."

Of the 28 persons who died of cholera, it is shown that 10 were 28 years of age or upwards; the remaining 18 were, with only one exception, infants under 1 year. With reference to the ten adults, the illness (inclusive of previous diarrhœa in those instances where it is stated to have existed) lasted in one case 12 hours, in one 34 hours, in two cases 3 days, in one case 5 days, in one 6 days, in one 7 days, in two 8 days, and in one 23 days. Of the two cases of shortest duration, one occurred amongst the Greenwich pensioners, and another, described as "Asiatic," in Herbert-street Hoxton.

Ten pensioners died in the Royal Hospital, Greenwich, between the 22d and 27th of August; one at the age of 56 years, another 64, and the rest between 74 and 80 years.

The births of 702 boys and 699 girls, in all 1401 children, were registered in the week. The average number in six corresponding weeks of 1845–50 was 1320.

At the Royal Observatory, Greenwich, the mean height of the barometer in the week was 29·795 in. The mean temperature was only 56·4°, which is nearly 4 degrees below the average of corresponding weeks in ten years. The mean daily temperature on the last four days of the week was 61·1°, 54·4°, 49·4°, and 52·3°. On Thursday it was nearly 6 degrees below the average of the same day, on Friday nearly 11 degrees, and on Saturday nearly 8 degrees below the average. The wind was generally in the west, but towards the end of the week was in the north.

Births Registered last Week, and in the Thirty-fifth Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
Total . . .	1291	1389	1222	1328	1227	1461	1320	1401
Males . . .	644	693	613	688	632	727	666	702
Females . .	647	696	609	610	595	734	654	699

Deaths Registered last Week, and in the Thirty-fifth Week of Ten previous Years.

	Ages.	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
Total . .		788	827	909	798	835	889	1084	998	2796	882	1080·6	1061
Males . .		427	412	489	405	413	460	571	528	1321	451	547·7	560
Females .		361	415	420	393	422	429	513	470	1475	431	532·9	501
Deaths at three periods of life . .	0—15	424	426	497	428	425	446	554	503	992	411	510·6	565
	15—60	245	264	255	240	253	288	318	338	1318	307	382·6	319
	60 & up.	118	137	155	130	157	155	212	157	485	160	186·6	176

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

Births and Deaths Registered in London in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	June 7.	June 14.	June 21.	June 28.	July 5.	July 12.	July 19.	July 26.	Aug. 2.	Aug. 9.	Aug. 16.	Aug. 23.	Aug. 30.
Births	1446	1292	1482	1439	1530	1346	1407	1383	1451	1477	1500	1455	1401
Deaths	961	931	968	1032	1003	881	873	956	1010	1038	1061	956	1061
Deaths (except from Violence) . . .	938	900	925	953	950	869	853	936	992	1025	1037	944	1034
Deaths (except from Violence) at 60 years and upwards . .	175	171	163	174	193	156	170	168	192	180	177	183	173
Scarlatina	15	24	19	14	22	13	6	18	14	25	17	18	20
Typhus	40	35	35	38	46	28	32	59	53	50	53	41	54
Diarrhœa & Dysentery	15	16	16	21	27	53	67	85	146	146	162	148	181
Cholera	..	1	1	1	5	9	8	12	12	16	28	19	28
Mean Temperature .	55°·2	55°·9	60°·2	62°·3	62°·9	59°·6	58°·1	60°·0	63°·4	64°·1	64°·6	63°·8	56°·4

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 56°·4—Aug. 30.			
	59°·0 Sept. 4 1841	62°·1 Sept. 3 1842	64°·0 Sept. 2 1843	56°·8 Aug. 31 1844	58°·0 Aug. 30 1845	62°·4 Aug. 29 1846	60°·1 Aug. 28 1847	59°·7 Sept. 2 1848	64°·0 Sept. 1 1849	56°·9 Aug. 31 1850	Mean 60°·3 Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	788	827	909	798	835	889	1084	998	2796	882	10806	565	319	176	†1061
SPECIFIED CAUSES	783	824	904	798	835	888	1082	996	2794	877	10781	563	317	176	†1157
1. Zymotic Diseases	161	206	220	225	189	254	367	397	2069	267	4355	293	63	22	378
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	49	50	42	36	43	36	52	38	52	40	438	6	20	14	40
3. Tubercular Diseases	169	170	189	153	157	202	182	144	165	161	1692	63	112	6	181
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	109	113	116	96	135	114	98	95	135	103	1114	47	23	24	94
5. Diseases of the Heart and Blood-vessels	21	20	25	23	31	22	30	24	33	33	262	4	24	10	38
6. Diseases of the Lungs, and of the other Organs of Respiration	82	49	71	75	72	62	70	72	94	75	722	28	20	29	77
7. Diseases of the Stomach, Liver, and other Organs of Digestion	67	67	86	56	73	73	83	63	72	34	674	28	25	16	69
8. Diseases of the Kidneys, &c.	3	8	8	6	7	10	8	16	5	9	80	..	5	3	8
9. Childbirth, Diseases of the Uterus, &c.	8	8	14	8	12	16	15	8	9	15	113	..	2	2	4
10. Rheumatism, Diseases of the Bones, Joints, &c.	6	5	8	6	4	5	10	7	6	2	59	2	5	..	7
11. Diseases of the Skin, Cellular Tissue, &c.	..	1	..	..	3	1	..	1	1	..	7	1	..	..	1
12. Malformations	1	..	2	1	1	4	..	1	2	1	13	5	..	..	5
13. Premature Birth & Debility	21	26	31	23	12	26	28	19	25	31	242	34	..	..	34
14. Atrophy	10	18	21	16	11	22	51	17	32	32	230	37	..	3	40
15. Age	45	49	44	39	44	26	55	36	52	33	423	..	..	43	43
16. Sudden	9	15	7	9	3	2	6	8	15	9	83	5	..	1	6
17. Violence, Privation, Cold, and Intemperance	22	19	20	26	38	13	27	50	27	32	274	10	18	3	†32
1.—Small-pox	9	9	4	36	10	2	25	31	7	10	143	14	3	..	17
Measles	23	18	29	21	58	6	47	9	25	11	247	18	..	..	18
Scarlatina	18	38	39	82	16	19	21	137	27	33	430	19	1	..	20
Hooping Cough	29	6	24	12	24	16	23	22	33	24	213	26	..	..	26
Croup	7	6	3	7	6	4	2	8	5	6	54	3	1	..	4
Thrush	9	7	9	8	9	11	6	2	6	4	71	10	..	..	10
Diarrhœa	20	63	53	23	33	128	124	79	234	118	875	154	10	10	174
Dysentery	4	7	16	3	4	7	20	18	9	10	98	3	2	2	7
Cholera	2	18	6	5	1	13	13	7	1663	4	1732	18	5	5	28
Influenza	..	..	1	..	..	1	..	..	1	..	3	..	..	..	..
Purpura and Scurvy	1	..	..	..	1	..	1	..	..	1	4	2	2	..	4
Ague	..	..	..	1	1	..	..	..	..	1	3	..	..	..	..
Remittent Fever	..	..	..	1	..	1	..	2	2	1	7	2	..	..	2
Infantile Fever	*	*	*	*	*	*	*	1	1	..	2	2	..	..	2
Typhus	36	26	33	21	22	37	74	63	47	40	399	17	33	4	54
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	5	2	1	8	..	1	..	1
Rheumatic Fever	*	*	*	*	*	*	*	2	1	1	4	..	1	..	1
Erysipelas	3	5	2	3	4	8	8	10	6	2	51	3	3	1	7
Syphilis	..	3	1	2	..	1	3	1	..	..	11	2	1	..	3
Noma (or Canker)	*	*	*	*	..	..	..	..	..	..	..	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	7	1	1	6	2	3	5	3	6	4	38	2	1	..	3
Dropsy	22	30	28	21	17	16	19	14	20	13	200	2	4	9	15
Abscess	4	2	2	1	..	1	2	2	2	4	20	..	..	..	..
Ulcer	1	..	..	..	..	..	2	3	1	..	7	1	..	..	1
Fistula	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
Mortification	3	4	6	..	5	2	3	1	3	3	30	1	1	..	2
Cancer	12	11	4	7	18	12	21	14	17	16	132	..	13	5	18
Gout	..	2	..	1	1	2	..	1	3	..	10	..	1	..	1
3.—Scrofula	..	1	7	5	1	9	2	2	8	4	39	6	2	1	9
Tabes Mesenterica	5	5	9	9	19	26	24	15	19	21	152	27	2	..	29
Phthisis (or Consumption)	136	128	142	116	107	124	120	107	110	120	1210	8	108	5	121
Hydrocephalus	28	36	31	23	30	43	36	20	28	16	291	22	..	..	22

* See Note, page 278.

† The age of a person "found drowned" was not stated.

in the THIRTY-FIFTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851			
	59°·0	62°·1	64°·0	56°·8	58°·0	62°·4	60°·1	59°·7	64°·0	56°·9	Mean 60°·3	56°·4—Aug. 30.			
	Sept. 4	Sept. 3	Sept. 2	Aug. 31	Aug. 30	Aug. 29	Aug. 28	Sept. 2	Sept. 1	Aug. 31	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
4.—Cephalitis	9	12	12	6	18	13	5	15	10	14	114	10	2	1	13
Apoplexy	12	6	18	21	29	13	25	17	23	20	184	2	8	7	17
Paralysis	6	13	10	12	14	21	15	13	26	19	149	..	5	12	17
Delirium Tremens	..	..	..	1	1	6	3	5	7	1	24	..	1	..	1
Chorea	..	..	..	1	..	..	..	1	..	..	2	..	..	..	..
Epilepsy	5	4	3	2	9	4	4	6	12	5	54	..	2	1	3
Tetanus	..	2	1	1	1	..	1	..	..	2	8	..	..	..	..
Insanity	1	2	1	1	1	3	2	..	2	3	16	..	1	3	4
Convulsions	69	64	63	44	49	42	32	30	38	30	461	32	..	..	32
Disease of Brain, &c.	7	10	8	7	13	12	11	8	17	9	102	3	4	..	7
5.—Pericarditis	..	..	1	2	..	3	3	..	2	2	13	3	2	..	5
Aneurism	1	2	3	..	..	1	1	..	2	2	12	1	2	..	3
Disease of Heart, &c.	20	18	21	21	31	18	26	24	29	29	237	..	20	10	30
6.—Laryngitis	..	2	1	..	2	..	1	2	4	5	17	2	..	..	2
Bronchitis	6	2	2	11	11	25	22	24	27	29	159	4	8	17	29
Pleurisy	1	1	..	1	4	1	3	1	2	2	16	2	1	..	3
Pneumonia	58	34	44	50	38	25	27	31	48	33	388	19	7	4	30
Asthma	5	4	14	8	8	5	12	6	7	3	72	..	..	7	7
Disease of Lungs, &c.	12	6	10	5	9	6	5	8	6	3	70	1	4	1	6
7.—Teething	21	18	24	18	15	8	17	10	14	6	151	11	..	..	11
Quinsey	1	1	2	3	..	..	3	1	2	1	14	1	..	..	1
Gastritis }	24	29	29	..	1	3	3	1	1	..	91	..	..	..	..
Enteritis }	..	..	..	10	17	12	18	8	15	4	84	6	3	3	12
Peritonitis	1	..	1	2	3	3	3	4	2	5	24	..	1	..	1
Ascites	1	..	1	5	2	2	3	3	1	1	19	..	2	2	4
Ulceration (of Intestines)	1	2	4	..	6	4	3	3	4	4	31	1	..	..	1
Hernia	2	1	1	2	1	1	..	..	..	1	9	1	..	1	2
Ileus	1	3	3	1	4	8	4	4	2	1	31	1	1	..	2
Intussusception	..	..	..	1	1	..	1	2	..	..	5	..	..	..	..
Stricture of Intestinal Canal	..	1	..	..	..	..	..	3	2	1	7	..	..	..	..
Disease of Stomach, &c.	3	1	12	7	9	9	7	5	9	2	64	3	1	2	6
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	..	1	1	1	4	2	3	7	..	20	..	5	1	6
Jaundice	2	4	3	2	3	3	6	4	4	..	31	4	2	1	7
Disease of Liver	9	7	5	4	8	15	13	11	9	8	89	..	10	6	16
Disease of Spleen	..	..	..	..	2	1	..	1	..	..	4	..	..	..	..
8.—Nephritis	1	..	..	1	..	2	2	1	..	1	8	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	6	1	2	9	..	2	..	2
Ischuria	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Diabetes	..	1	..	..	1	..	1	..	2	..	5	..	..	..	..
Stone	1	1	..	1	1	1	..	..	..	..	5	..	..	1	1
Cystitis	..	..	..	1	..	1	..	2	..	..	4	..	..	..	..
Stricture of Urethra	..	2	..	..	1	..	1	1	..	1	6	..	1	1	2
Disease of Kidneys, &c.	1	4	8	3	4	6	4	5	2	5	42	..	2	1	3
9.—Paramenia	..	2	1	..	1	..	..	..	..	..	4	..	..	..	..
Ovarian Dropsy	..	..	1	..	1	1	..	..	2	4	9	..	..	..	..
Childbirth (*see* Metria)	4	3	10	5	4	12	8	8	4	8	66	..	..	..	..
Disease of Uterus, &c.	4	3	2	3	6	3	7	..	3	3	34	..	2	2	4
10.—Arthritis	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Rheumatism	2	1	3	3	1	2	5	5	1	1	24	..	3	..	3
Disease of Joints, &c.	4	4	5	3	3	3	5	2	5	..	34	2	2	..	4
11.—Carbuncle	..	1	..	..	1	..	..	..	..	..	2	..	..	..	..
Phlegmon	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
Disease of Skin, &c.	..	..	..	..	2	..	..	1	1	..	4	1	..	..	1
17.—Intemperance	1	..	1	..	2	1	..	1	..	2	8	..	..	..	..
Privation of Food	..	..	3	..	..	..	3	..	2	..	8	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	1	6	4	11	4	..	..	4
Neglect	*	*	*	*	*	*	*	..	1	..	1	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	1	..	2	3	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	1	1	2	4	..	..	..	..
Hanging and Suffocation	*	*	*	*	*	*	*	10	..	1	11	1	4	..	5
Drowning	*	*	*	*	*	*	*	3	9	7	19	4	3	..	†8
Fractures	*	*	*	*	*	*	*	28	4	13	45	1	10	3	14
Wounds	*	*	*	*	*	*	*	5	2	1	8	..	1	..	1
Other Violence	*	*	*	*	*	*	*	..	2	..	2	..	..	..	..
All Violence	21	19	16	26	36	12	24	48	18	26	246	6	18	3	27
Causes not specified	5	3	5	..	..	1	2	2	2	5	25	2	2	..	4

* See Note, page 278.

† The age of a person "found drowned" was not stated.

DEATHS Registered in the THIRTY-FIFTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION† in		Mean Temperature for Week ending Saturday,											
			59·0 Sept. 4	62·1 Sept. 3	64·0 Sept. 2	56·8 Aug. 31	58·0 Aug. 30	62·4 Aug. 29	60·1 Aug. 28	59·7 Sept. 2	64·0 Sept. 1	56·9 Aug. 31	Mean 60°·3 Sum of 10 Weeks.	56·4 Aug. 30
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948369	2361640	788	827	909	798	835	889	1084	998	2796	882	10806	1061
1-6. WEST DISTRICTS .	301189	376332	112	122	151	129	141	117	173	147	353	122	1567	156
7-11. NORTH DISTRICTS .	376568	490441	136	159	169	158	113	167	171	190	309	181	1753	200
12-19. CENTRAL DISTRICTS	374199	392986	175	164	160	132	154	151	204	166	386	144	1836	165
20-25. EAST DISTRICTS .	393067	485336	168	188	222	174	211	208	257	263	712	208	2611	241
26-36. SOUTH DISTRICTS .	503346	616545	197	194	207	205	216	246	279	232	1036	227	3039	299
1. Kensington . . . HL	74898	119990	28	38	39	27	22	31	52	34	92	39	402	53
2. Chelsea . . . . *W*H	40243	56543	14	20	23	21	24	18	29	24	60	20	253	15
3. St. George Hanover-sq. H	66657	73207	22	17	29	38	39	18	24	22	40	22	271	25
4. Westminster . HHPP	56802	65609	25	26	30	23	30	28	29	48	115	26	380	38
5. St. Martin-in-the-Flds. H	25132	24557	8	8	16	12	15	14	20	10	23	4	130	13
6. St. James Westminster .	37457	36426	15	13	14	8	11	8	19	9	23	11	131	12
7. Marylebone . . . H	138383	157679	51	83	75	59	40	65	61	54	94	60	642	69
8. Hampstead	140078	11986	*	*	*	*	*	*	*	4	7	2	13	7
9. Pancras . . . *W*HH		167198	57	45	56	60	51	54	65	85	118	76	667	69
10. Islington . . . HP	55779	95154	11	14	18	25	14	27	26	35	44	25	239	34
11. Hackney . . . . H	42328	58424	17	17	20	14	8	21	19	12	46	18	192	21
12. St. Giles	54378	54062	25	24	26	13	15	16	25	19	64	18	245	23
13. Strand (wkh. in 9) . H	43667	44446	24	17	23	16	22	15	22	14	41	17	211	22
14. Holborn	44532	46571	20	23	20	14	19	20	27	20	40	22	225	17
15. Clerkenwell . . . PP	56799	64705	24	26	23	24	24	26	42	17	45	25	276	19
16. St. Luke (wkh. in 20) L	49908	54058	29	29	26	18	31	19	25	26	41	22	266	25
17. East London . . . . P	39718	44407	18	14	10	17	17	16	24	29	42	18	205	19
18. West London *W*HPPP	29188	28829	20	15	21	14	14	25	23	23	66	17	238	19
19. City of Lon. (wkh. in 25)	56009	55908	15	16	11	16	12	14	16	18	47	5	170	21
20. Shoreditch . . *W*L	83564	109209	35	48	58	35	51	48	47	57	189	40	608	49
21. Bethnal Green . . L	74206	90170	35	29	35	37	33	43	64	53	186	41	556	47
22. Whitechapel . . . H	71879	79756	39	45	40	39	47	42	52	71	129	35	539	51
23. St. George in the East .	41416	48375	16	11	24	13	26	20	33	26	39	30	238	22
24. Stepney . . . . H	90831	110669	33	38	47	36	40	42	40	43	116	42	477	46
25. Poplar . . . *W*L	31171	47157	10	17	18	14	14	13	21	13	53	20	193	26
26. St. Saviour . . HH	33027	35729	21	13	17	19	13	15	20	16	81	15	230	12
27 St. Olave . . . HH	19869	19367	14	13	14	21	19	14	22	19	56	26	218	40
28. Bermondsey	35002	48128	26	10	29	14	13	18	17	15	98	19	259	18
29. St. Geo. Southwk. LPP	46718	51825	23	23	18	31	23	20	25	31	98	12	304	24
30. Newington . . . P	54693	64805	19	25	13	16	20	23	24	20	122	18	300	23
31. Lambeth	116072	139240	35	42	44	42	52	66	63	48	248	51	691	59
32. Wandsworth . . . L	39918	50770	*	*	*	14	17	20	14	15	49	18	147	19
33. Camberwell . . . LL	39931	54668	14	21	16	13	15	21	33	20	81	16	250	36
34. Rotherhithe	13940	17778	5	4	12	9	6	5	6	7	35	3	92	7
35. Greenwich . HHHP	81125	99404	40	43	44	26	38	44	47	32	148	43	505	51
36. Lewisham . . . *W*	23051	34831	*	*	*	*	*	*	8	9	20	6	43	10

† Seamen and others on board vessels in the docks and river are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841-50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 10806; which, divided by 10, gives 1081 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 1081 divided by 10 is about 108, which added to 1081, makes the corrected average 1189. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 143 in 10 weeks; the average was 14; the corrected average 15. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831-41; 1·998 *per cent.* annually in the ten years, 1841-51; and 1·778 *per cent.* annually in the fifty years, 1801-51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841-50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5{\cdot}5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	1	1
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	1	.	1
2 Chelsea [North West]	.	.	.
2 *St. George Hanover Square [Chelsea N.W.]*	.	.	.
3 St. George Hanover Square [May Fair]	3	.	3
4 Westminster [St. Margaret]	.	4	4
5 St. Martin-in-the-Fields [Charing Cross]	1	1	2
6 St. James Westminster [Golden Square]	1	2	3
7 Marylebone [Rectory]	7	3	10
9 *Strand [Tottenham Court]*	2	.	2
9 Pancras [Camden Town]	2	4	6
10 Islington [West]	.	.	.
11 Hackney [Hackney]	.	2	2
12 St. Giles [South]	4	1	5
14 Holborn [St. Andrew East]	1	1	2
15 Clerkenwell [St. James]	.	.	.
17 East London [St. Botolph]	.	1	1
18 *East London [West London North]*	1	1	2
18 West London [North]	.	.	.
20 Shoreditch [Haggerstone West]	3	1	4
20 *St. Luke [Hoxton New Town]*	.	2	2
21 Bethnal Green [The Green]	2	1	3
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	3	1	4
23 St. George-in-the-East [St. John]	.	1	1
24 Stepney [Shadwell]	.	.	.
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	.	1	1
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	3	.	3
25 Poplar [Poplar]	2	.	2
26 St. Saviour [Christchurch]	1	1	2
27 St. Olave [St. John Horselydown]	.	.	.
28 Bermondsey [St. Mary Magdalen]	.	1	1
29 St. George Southwark [Borough Road]	1	.	1
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2d]	.	4	4
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	1	.	1
33 Camberwell [Camberwell]	1	1	2
34 Rotherhithe	.	.	.
35 Greenwich [East]	.	3	3
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	40	38	78
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	10	.	10
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	.	.	.
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	10	.	10
General Hospitals:—			
3 St. George [Belgrave]	1	.	1
4 Westminster [St. Margaret]	1	.	1
5 Charing Cross [Charing Cross]	1	2	3
7 Middlesex [All Souls]	2	3	5
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	.	1	1
18 St. Bartholomew [West London North]	1	2	3
22 London [Whitechapel Church]	2	1	3
27 Guy's [St. Olave and St. Saviour]	15	2	17
27 St. Thomas [St. Olave and St. Saviour]	3	1	4
Total	26	12	38
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	.	.	.
10 Fever [Islington West]	5	1	6
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	.	.
Total	5	1	6

	M.	F.	T.
HOSPITALS — *continued.*			
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	1	1
7 Queen Charlotte's [St. Mary] Children	1	.	1
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	1	1	2
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	1	2	3
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	1	4	5
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	.	.
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	2	2
Total	2	8	10
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	1	.	1
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	1	.	1
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	1	.	1
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	1	.	1
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	1	1
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	1	1
Workhouses	40	38	78
Military and Naval Asylums	10	.	10
General Hospitals	26	12	38
Hospitals for Special Diseases	5	1	6
Lying-in Hospitals	1	1	2
Lunatic Asylums	2	8	10
Military and Naval Hospitals	1	.	1
Hospitals and Asylums for Foreigners	1	.	1
Prisons	.	1	1
Total in Public Institutions	86	61	147

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 30th August 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
AUGUST.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY . .	24	..	29·720	73·6	52·4	61·0	50·9	..	44·0	68·0	65·5	10·1	11·2	5·4	+0·7	S.	S.W.	11·0	0·0	0·7	200	0·20
MONDAY. .	25	..	29·966	72·0	48·6	60·3	47·3	78·0	39·5	67·0	65·0	13·0	16·7	5·0	+0·1	Calm	W.	0·0		0·0	105	0·00
TUESDAY .	26	New	29·857	65.5	47·2	56·6	50·5	..	40·0	66·5	64·5	6·1	13·8	3·1	—3·6	W. & S.W.	S.S.W.	6·0	0·0	1·0	205	0·09
WEDNESDAY	27	Perigee	29·833	69·6	56·2	61·1	50·8	73·0	47·8	65·5	63·2	10·3	14·3	4·6	+1·0	S. W. & W.	W.	3·6	0·0 0·0	0·5	165	0·00
THURSDAY.	28	..	29·597	62·2	50·4	54·4	43·8	69·0	52·8	64·8	62·0	10·6	13·5	6·2	—5·6	Calm	N.W.	5·0	0·0	0·4	150	0·30
FRIDAY . .	29	In Equator.	29·620	60·4	45·4	49·4	44·1	65·0	40·0	63·5	60·0	5·3	9·8	3·5	—10·6	W.	N.E.	4·8	0·0	0·4	165	0·15
SATURDAY.	30	..	29·969	61·7	47·2	52·3	43·1	..	39·5	63·0	60·5	9·2	12·9	5·7	—7·6	N.E.	N.	4·0	0·0	0·5	130	0·00
MEANS . .		..	29·795	66·4	49·6	56·4	47·2	71·3	43·4	65·5	63·0	9·2	14·6	4·8	—3·7	W.		..	..	..	Sum 1120	Sum 0·74
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	Nothing was shown at any examination.
MONDAY . .	Nothing was shown throughout the day.
TUESDAY . .	Nothing was shown throughout the day.
WEDNESDAY	Positive, and tension moderate during the afternoon.
THURSDAY .	Nothing was shown throughout the day.
FRIDAY . .	Negative and very active during the morning; frequent sparks were shown. Positive and tension weak at night.
SATURDAY .	Positive, and tension weak throughout the day.

GENERAL REMARKS.

The sky was covered with cloud till 5h. P.M., and clear afterwards; cirrostratus, fleecy clouds, and scud. Heavy showers of rain fell frequently.

Three fourths of the sky were covered till 7h. P.M., and overcast afterwards; cirrostratus.

The sky was overcast till 8h. P.M., and the amount of cloud was variable afterwards; cirrostratus. Rain fell heavily during the afternoon.

The sky, with slight exceptions, was covered with cloud throughout the day; cumulostratus, cirrostratus, and fleecy clouds. Rain fell from 10h. P.M. till after midnight.

Three fourths of the sky were covered till noon, overcast from this time until 6h. P.M., and generally clear afterwards; cumuli, cumulostrati and cirrostrati.

The clouds were slightly broken at noon, and the sky was partially clear between 7h. and 9h. P.M., otherwise it was covered throughout the day. Showers of rain fell during the morning and afternoon.

The sky, with slight exceptions, was covered till 9h. 30m. P.M. and clear afterwards; cirrostratus.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9 h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 59·0°; and the mean reading at 9h. P.M. was 56·8°; the mean readings at the Royal Observatory for the same times were 59·4° and 55·3° respectively.

The reading of the barometer decreased from 29·75 in. to 29·70 in. by 8h. A.M. on the 24th, increased to 30·02 in. by 9h. P.M. on the 25th; decreased to 29·72 in. by 9h. P.M. on the 26th; increased to 29·87 in. by noon on the 27th; decreased to 29·54 in. by 9h. A.M. on the 29th; and increased to 30·04 in. by the end of the week.

The mean direction of the wind for the week is west.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, September 6. [No. 36.

HEALTH OF LONDON DURING THE WEEK.

The health of London in the week ending Saturday September 6th exhibits some improvement. The deaths which in the previous week were 1061 fell to 967. Of the persons who died at stated ages, only 144 had attained the age of 60 and upwards ; 518 were children under the age of 15 ; and 303 were men and women under the age of 60. Convulsions, small-pox, measles, scarlatina, and hooping-cough, tabes, hydrocephalus (water on the head) destroyed many children ; but diarrhœa in this week was more fatal than all these diseases together. Consumption was fatal to 105, typhus to 25, heart disease to 14, bronchitis to 11, injuries and violence to 12 — adults under the age of 60.

The deaths from diarrhœa increased from 23 in the first week of July, and 143 in the first week of August, to 192 in the first week of September. The deaths from cholera also increased, but in the last week they amounted to 17, while the number in the previous week was 28.

Summer cholera prevails all over Europe in the hot season of the year ; its symptoms often resemble those of Asiatic cholera, from which, however, it differs in this respect, that the course of the fatal cases is much less rapid.

This is the anniversary of the most fatal week of the great cholera epidemic of 1849, when 3183 of the inhabitants of London died ; and the contrast between the health of the great city then and at the present time is gratifying, particularly as it is now the abode of so many thousands of strangers. It would be still more gratifying if the danger of the recurrence of cholera was, as it might be, diminished by the removal of the following and a thousand similar nuisances still existing, and laying the population open to the invasion of every epidemic.

The Holborn Registrar speaking of a death at 53 Eagle-street, Red-lion-square, says, " This is the third case of death registered in the house since the 27th August of fever and diarrhœa, besides two others sent to the hospital. The back of the house looks into Yorkshire Grey Yard, on the north side of Eagle-street, Red-lion-square, where there are two slaughter-houses and generally a large dung heap. The drainage in the yard is in a bad state. The stench arising from the slaughter-houses and dung into this house is beyond endurance."

The following are the seventeen cases of cholera which were registered last week :—

In Fulham, at Mrs. Tilley's, Farm-lane, on 30th August, the daughter of a single woman, aged 4 months, died of " cholera infantum (7 days)."

In Westminster, at the Bell Public House, York-street, on 3d September, the son of a licensed victualler, aged 9 months, "cholera infantum (10 days)."

In Mary-le-bone, at the Middlesex Hospital, from 8 Rodes Cottage, Islington, on 4th September, a barge-carter, aged 30 years, "cholera."

In Mary-le-bone, St. Mary, at 76 Gloucester-place, on 29th August, the daughter of a policeman, aged 6 months, "cholera infantum."

In Tottenham sub-district, at 15 Pancras-street, on 30th August, a female, aged 55 years, "English cholera (3 days)."

In West Hackney, at 1 Nursery-row, Stoke Newington, on August 31st, a gentleman, aged 89 years, "bilious cholera (3 days)."

In the same sub-district, at 39 Wellington-street, on 1st September, the son of a fishmonger, aged 2 years, "cholera infantum (5 weeks), convulsions (10 hours)."

In St. Mary-le-Strand, at 41 Hart-street, Covent-garden, on 4th September, the widow of a domestic servant, aged 64 years, "cholera (29 hours)."

In St. James Clerkenwell, at 20 Peter-street, on 31st August, a fur-sewer, aged 28 years, "cholera (5 days), diarrhœa (36 hours), commencing 2 days after child-birth."

In Clerkenwell, Amwell sub-district, at 16 Northampton-row, on 31st August, the daughter of a labourer, aged 7 months, "cholera infantum (12 days)."

In Clerkenwell, Pentonville sub-district, at 24 North Avenue, on 3d September, the son of a carpenter, aged 2 years and 9 months, "English cholera (6 hours)."

In Hackney-road sub-district, at 33 Austin-street, on 30th August, the son of a cabinet-maker, aged 6 weeks, "cholera infantum (2 weeks)."

In Newington, Trinity sub-district, at 3 Pipemakers-alley, on 2d September, the daughter of a pipe-maker, aged 7 weeks, "cholera infantum."

In the same sub-district, at 47 County-terrace-street, on 30th August, a spinster, aged 21 years, "English cholera (12 hours)."

In Lambeth, at 2 Little-spring-place, on 2d September, the daughter of a railway carriage-maker, aged 1 year, "cholera infantum (34 hours)."

In Greenwich, St. Nicholas, Deptford, sub-district, at 2 Frenches-fields, St. Nicholas, on 31st August, the daughter of a general dealer, aged 1 year, "cholera infantum."

In Greenwich, Woolwich Arsenal sub-district, at 21 Powis-street, on 31st August, the wife of a carpenter, aged 72 years, "English cholera (2 days)."

The following selections are from the Registrars' Reports:—

In the sub-district of Belgrave, in St. George's Hospital, on 4th August, a butcher, aged 55 years, died of peritonitis, after puncture of abdomen and small intestines by a butcher's knife, which he ran against accidentally when held in the hand of another butcher with whom he was talking (20 days), inquest. Mr. Jorden states, that this man's death arose from a custom in the trade when asking another "to stand treat" to hold their knife against the stomach in a horizontal direction."

In the sub-district of Golden-square, St. James' Westminster, at 42 Marshall-street, on 2d September, the daughter of a tailor, aged 2 years, "diarrhœa (2 weeks), effusio cerebri (3 days)." Mr. Churchman observes that "this is one of three houses at the south end of Marshall-street of the most objectionable construction, having no ventilation, back windows, kitchen, or dust-bin, the water-closet, such as it is, opposite the entrance door, which is always open, and not more than three feet from it; there is a large slaughter-house in the rear."

In the sub-district of Gray's-inn-lane, at 1 Brunswick-buildings, on 4th September, the daughter of a servant, aged 10 years, "marasmus (2 years), typhus (14 days)." Mr. Worrell adds, that "the house in which this death occurred is situated in a court consisting of about 30 houses, which, from confined space, bad drainage, and filth, is wholly unfit for occupation by human beings."

The births of 777 boys and 723 girls, in all 1500 children, were registered in the week. The average of six corresponding weeks in 1845–50 was 1334.

At the Royal Observatory, Greenwich, the mean height of the barometer in the week was 30·028 in. The mean temperature of the week was 60·5°, about 1° above the average of corresponding weeks in ten years. The temperature was highest on Tuesday, when the mean was 65·0°, and lowest on Sunday, when the mean was 54·3° or 5·5° below the average of the same day in ten years. The wind generally blew from the north-west during the first three days, and then from the north-east to the end of the week.

Births Registered last Week, and in the Thirty-sixth Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
Total. . . .	1287	1310	1295	1337	1301	1474	1334	1500
Males . . .	642	641	652	688	636	724	664	777
Females . .	645	669	643	649	665	750	670	723

Deaths Registered last Week, and in the Thirty-sixth Week of Ten previous Years.

	Ages.	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
Total. . .		869	864	880	915	762	884	1051	1020	3183	899	1132·7	967
Males . .		455	407	460	463	371	434	526	526	1460	466	556·8	478
Females .		414	457	420	452	391	450	525	494	1723	433	575·9	489
Deaths at three periods of life . .	0—15	472	465	478	505	382	405	514	525	1132	422	530·0	518
	15—60	261	251	235	250	240	307	350	312	1498	289	399·3	303
	60 & up.	135	146	165	158	139	171	186	182	552	181	201·5	144

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

Births and Deaths Registered in London in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	June 14.	June 21.	June 28.	July 5.	July 12.	July 19.	July 26.	Aug. 2.	Aug. 9.	Aug. 16.	Aug. 23.	Aug. 30.	Sept. 6.
Births	1292	1482	1439	1530	1346	1407	1383	1451	1477	1500	1455	1401	1500
Deaths	931	968	1032	1003	881	873	956	1010	1038	1061	956	1061	967
Deaths (except from Violence) . . .	900	925	953	950	869	853	936	992	1025	1037	944	1034	945
Deaths (except from Violence) at 60 years and upwards . .	171	163	174	193	156	170	168	192	180	177	183	173	140
Scarlatina	24	19	14	22	13	6	18	14	25	17	18	20	29
Typhus	35	35	38	46	28	32	59	53	50	53	41	54	41
Diarrhœa & Dysentery	16	16	21	27	53	67	85	146	146	162	148	181	200
Cholera	1	1	1	5	9	8	12	12	16	28	19	28	17
Mean Temperature .	55°·9	60°·2	62°·3	62°·9	59°·6	58°·1	60°·0	63°·4	64°·1	64°·6	63°·8	56°·4	60°·5

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,										1851 60°·5—Sept. 6.			
	56°·1	59°·1	62°·3	62°·3	54°·3	62°·0	55°·2	61°·2	64°·1	56°·5	Mean 59°·3			
	Sept. 11	Sept. 10	Sept. 9	Sept. 7	Sept. 6	Sept. 5	Sept. 4	Sept. 9	Sept. 8	Sept. 7	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
ALL CAUSES	869	864	880	915	762	884	1051	1020	3183	899	11327	518	303	144	967†
SPECIFIED CAUSES	864	851	880	912	758	881	1049	1018	3181	890	11284	515	303	144	964†
1. Zymotic Diseases	180	182	232	266	186	209	352	418	2469	251	4745	277	53	32	362
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	62	62	39	43	46	34	33	31	40	46	436	2	12	15	29
3. Tubercular Diseases	194	194	193	181	152	218	182	164	162	180	1820	61	106	7	174
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	121	109	98	101	94	110	108	102	120	94	1057	48	31	21	100
5. Diseases of the Heart and Blood-vessels	11	8	16	25	17	20	27	32	30	26	212	1	17	5	23
6. Diseases of the Lungs, and of the other Organs of Respiration	83	66	55	79	79	62	75	86	85	80	750	26	28	17	71
7. Diseases of the Stomach, Liver, and other Organs of Digestion	96	86	89	63	73	82	78	55	73	60	755	19	26	15	60
8. Diseases of the Kidneys, &c.	2	4	7	8	13	6	7	12	15	12	86	..	3	3	7†
9. Childbirth, Diseases of the Uterus, &c.	7	11	11	13	12	12	8	11	14	6	105	..	6	2	8
10. Rheumatism, Diseases of the Bones, Joints, &c.	6	5	5	10	5	11	10	9	7	8	76	1	1	1	3
11. Diseases of the Skin, Cellular Tissue, &c.	..	2	1	1	..	1	..	7	2	1	15	..	..	..	..
12. Malformations	1	1	3	..	..	6	8	6	7	4	36	3	..	..	3
13. Premature Birth & Debility	22	25	19	24	8	13	28	10	34	24	207	32	3	..	35
14. Atrophy	10	16	11	18	16	27	38	18	37	26	217	37	2	2	41
15. Age	44	47	71	57	35	33	43	34	50	29	443	..	..	19	19
16. Sudden	10	14	9	1	7	3	12	1	10	9	76	2	3	1	6
17. Violence, Privation, Cold, and Intemperance	15	19	21	22	15	34	40	22	26	34	248	6	12	4	23†
1.—Small-pox	10	13	9	49	4	6	25	38	8	8	170	15	1	..	16
Measles	22	21	17	26	61	5	40	12	14	13	231	13	1	..	14
Scarlatina	12	30	41	99	14	10	29	144	27	35	441	29	..	..	29
Hooping Cough	49	15	26	12	25	16	15	26	23	25	232	15	..	..	15
Croup	6	7	5	2	6	7	12	3	6	5	59	3	..	..	3
Thrush	10	10	13	6	9	2	7	5	5	9	76	5	..	..	5
Diarrhœa	37	48	51	19	33	108	108	61	272	75	812	158	13	21	192
Dysentery	1	8	12	3	3	7	19	18	17	10	98	6	1	1	8
Cholera	4	4	6	5	2	11	8	7	2026	8	2081	10	4	3	17
Influenza	1	..	1	1	1	..	1	..	..	1	6	..	..	..	..
Purpura and Scurvy	..	..	1	..	2	..	1	1	..	..	5	..	..	2	2
Ague	..	..	..	..	..	..	..	..	1	..	1	..	1	..	1
Remittent Fever	..	..	..	1	1	2	..	2	1	2	9	3	..	..	3
Infantile Fever	*	*	*	*	*	*	*	..	2	..	2	2	..	..	2
Typhus	21	20	45	39	17	26	77	89	52	48	434	12	25	4	41
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	1	1	1	3	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	..	3	1	4	1	2	..	3
Erysipelas	6	6	4	4	5	8	8	10	9	7	67	2	1	1	4
Syphilis	1	..	1	..	3	1	2	..	2	3	13	3	1	..	4
Noma (or Canker)	*	*	*	*	*	..	..	1	..	..	1	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	4	4	..	8	3	..	5	1	4	4	33	1	1	..	2
Dropsy	34	41	17	18	23	15	12	8	14	16	198	..	2	8	10
Abscess	3	1	..	1	3	..	..	4	..	..	12	..	..	..	..
Ulcer	..	..	..	..	..	1	..	..	1	..	2	1	..	..	1
Fistula	..	..	1	1	2	..	..	..	1	1	6	..	..	1	1
Mortification	2	2	3	5	2	1	6	3	3	5	32	..	..	2	2
Cancer	19	12	18	9	13	16	7	14	17	19	144	..	9	4	13
Gout	..	2	..	1	..	1	3	1	..	1	9	..	..	..	..
3.—Scrofula	3	3	5	4	2	9	8	8	3	8	53	4	1	..	5
Tabes Mesenterica	7	12	10	15	17	31	20	13	13	21	159	15	..	..	15
Phthisis (or Consumption)	147	138	146	129	108	137	124	117	108	119	1273	9	105	7	121
Hydrocephalus	37	41	32	33	25	41	30	26	38	32	335	33	..	..	33

* See Note, page 286.

† The ages of two persons whose deaths are respectively assigned to disease of the *kidneys* and to *drowning* were not stated.

ERRATUM in Return, No. 35, page 276, FOR 1157 *Specified Causes* READ 1057.

in the THIRTY-SIXTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 60°·5—Sept. 6.			
	56°·1 Sept. 11 1841	59°·1 Sept. 10 1842	62°·3 Sept. 9 1843	62°·3 Sept. 7 1844	54°·3 Sept. 6 1845	62°·0 Sept. 5 1846	55°·2 Sept. 4 1847	61°·2 Sept. 9 1848	64°·1 Sept. 8 1849	56°·5 Sept. 7 1850	Mean 59°·3 Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	15	7	7	10	14	14	16	10	8	5	106	8	2	..	10
Apoplexy	13	14	10	18	17	26	15	18	20	20	171	3	11	10	24
Paralysis	13	14	11	7	12	19	20	11	21	24	152	..	5	7	12
Delirium Tremens	2	1	3	1	6	4	2	1	5	2	27	..	5	..	5
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy	1	9	3	3	6	5	9	5	5	4	50	1	4	..	5
Tetanus	1	..	..	..	..	..	..	..	1	..	2	..	..	..	..
Insanity	..	..	..	2	1	..	1	2	2	1	9	..	1	1	2
Convulsions	66	55	56	51	30	26	37	40	46	30	437	35	..	..	35
Disease of Brain, &c.	10	9	8	9	8	16	8	15	12	8	103	1	3	3	7
5.—Pericarditis	1	..	2	4	3	2	1	4	1	1	19	..	2	..	2
Aneurism	..	..	..	..	..	1	3	2	..	3	9	..	1	..	1
Disease of Heart, &c.	10	8	14	21	14	17	23	26	29	22	184	1	14	5	20
6.—Laryngitis	..	..	..	..	2	1	..	5	2	4	14	..	..	..	..
Bronchitis	8	7	3	14	17	17	25	28	27	32	178	4	11	12	27
Pleurisy	2	..	2	2	1	1	6	2	1	2	19	1	1	1	3
Pneumonia	53	43	34	51	47	24	34	35	45	31	397	18	9	1	28
Asthma	11	7	6	5	5	10	4	10	5	9	72	..	3	2	5
Disease of Lungs, &c.	9	9	10	7	7	9	6	6	5	2	70	3	4	1	8
7.—Teething	30	34	26	16	11	5	13	4	19	10	168	7	..	..	7
Quinsey	3	3	1	2	1	1	..	1	..	1	13	..	..	..	..
Gastritis }	34	31	28	1	..	2	..	1	1	4	194	..	2	1	3
Enteritis }				17	18	13	16	9	10	9		4	..	3	7
Peritonitis	1	1	..	2	5	3	7	4	2	4	29	1	4	..	5
Ascites	2	..	1	2	2	3	2	3	1	4	20	1	1	2	4
Ulceration (of Intestines)	1	2	4	..	2	5	2	1	1	2	20	1	3	1	5
Hernia	2	1	1	2	3	5	1	3	2	3	23	1	1	..	2
Ileus	3	2	1	2	..	1	7	3	1	2	22	1	3	2	6
Intussusception	..	..	..	..	2	..	1	..	1	1	5	..	1	..	1
Stricture of Intestinal Canal	..	..	..	1	..	..	..	..	1	2	4	..	..	1	1
Disease of Stomach, &c.	6	3	11	7	5	17	10	6	9	4	78	2	1	1	4
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	2	1	1	1	6	8	4	4	10	1	38	..	2	2	4
Jaundice	..	4	4	1	7	2	4	7	3	4	36	1	1	1	3
Disease of Liver	11	4	11	9	11	17	11	9	12	9	104	..	7	1	8
Disease of Spleen	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
8.—Nephritis	..	..	..	2	..	..	2	2	2	1	9	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	4	4	4	12	..	..	..	..
Ischuria	..	..	..	..	..	1	..	..	1	..	2	..	..	..	..
Diabetes	..	..	..	..	1	..	..	1	2	..	4	..	1	..	1
Stone	..	1	..	..	2	..	..	1	1	..	5	..	..	1	1
Cystitis	..	1	..	..	..	1	..	..	2	..	4	..	..	..	..
Stricture of Urethra	1	..	..	..	1	..	1	2	..	1	6	..	1	..	1
Disease of Kidneys, &c.	1	2	7	6	9	4	4	2	3	6	44	..	1	2	4†
9.—Paramenia	1	..	..	..	1	2	..	..	..	1	5	..	..	..	..
Ovarian Dropsy	2	..	1	..	2	..	..	..	2	..	7	..	..	..	..
Childbirth (*see* Metria)	4	10	7	8	5	5	6	8	6	4	63	..	4	..	4
Disease of Uterus, &c.	..	1	3	5	4	5	2	3	6	1	30	..	2	2	4
10.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	4	2	1	3	2	5	3	7	2	5	34	..	1	1	2
Disease of Joints, &c.	2	3	4	7	3	6	7	2	5	3	42	1	..	..	1
11.—Carbuncle	..	..	..	..	..	..	..	2	..	1	3	..	..	..	..
Phlegmon	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Disease of Skin, &c.	..	2	1	1	..	1	..	5	2	..	12	..	..	..	..
17.—Intemperance	1	1	1	..	2	2	1	1	1	1	11	..	..	..	..
Privation of Food	..	..	1	1	..	1	2	..	..	..	5	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	2	2	2	6	1	..	..	1
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	1	1	3	5	..	1	..	1
Burns and Scalds	*	*	*	*	*	*	*	2	1	4	7	2	1	1	4
Hanging and Suffocation	*	*	*	*	*	*	*	3	5	1	9	..	..	..	..
Drowning	*	*	*	*	*	*	*	5	8	13	26	1	3	..	5†
Fractures	*	*	*	*	*	*	*	5	7	8	20	2	6	3	11
Wounds	*	*	*	*	*	*	*	1	..	..	1	..	1	..	1
Other Violence	*	*	*	*	*	*	*	2	1	2	5	..	..	..	..
All Violence	14	18	19	21	13	31	37	19	23	31	226	5	12	4	22
Causes not specified	5	13	..	3	4	3	2	2	2	9	43	3	..	..	3

* See Note, page 286.

† The ages of two persons whose deaths are respectively assigned to disease of the *kidneys* and to *drowning* were not stated.

Deaths Registered in the Thirty-sixth Week of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION† in		Mean Temperature for the Week ending Saturday,											
			56°·1	59°·1	62°·3	62°·3	54°·3	62°·0	55°·2	61°·2	64°·1	56°·5	Mean 59°·3	60°·5
			Sept. 11	Sept. 10	Sept. 9	Sept. 7	Sept. 6	Sept. 5	Sept. 4	Sept. 9	Sept. 8	Sept. 7	Sum of 10 Weeks.	Sept. 6
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948369	2361640	869	864	880	915	762	884	1051	1020	3183	899	11327	967
1–6. West Districts .	301189	376332	115	136	141	157	118	122	133	150	334	141	1547	143
7–11. North Districts .	376568	490441	149	167	156	162	127	180	210	189	332	161	1833	218
12–19. Central Districts	374199	392986	183	170	160	148	120	137	213	187	415	139	1872	139
20–25. East Districts .	393067	485336	204	194	182	205	198	203	250	230	660	190	2516	194
26–36. South Districts .	503346	616545	218	197	241	243	199	242	245	264	1442	268	3559	273
1. Kensington . . . HL	74898	119990	30	37	27	47	23	30	40	39	76	43	392	40
2. Chelsea . . . . *W*H	40243	56543	11	25	25	21	23	29	30	28	76	20	288	17
3. St. George Hanover-sq. H	66657	73207	31	27	27	26	23	21	22	23	47	26	273	33
4. Westminster. . HHPP	56802	65609	25	26	39	38	23	20	18	41	85	33	348	28
5. St. Martin-in-the-Flds. H	25132	24557	11	14	13	15	14	7	8	7	26	9	124	10
6. St. James Westminster .	37457	36426	7	7	10	10	12	15	15	12	24	10	122	15
7. Marylebone . . . H	138383	157679	52	61	60	54	53	55	52	79	106	61	633	60
8. Hampstead . . . . }	140078	11986	*	*	*	*	*	*	6	7	1	3	17	5
9. Pancras . . . *W*HH }		167198	60	61	57	65	49	75	102	57	123	61	710	74
10. Islington . . . HP	55779	95154	20	29	26	24	17	34	27	29	69	26	301	53
11. Hackney . . . . H	42328	58424	17	16	13	19	8	16	23	17	33	10	172	26
12. St. Giles	54378	54062	27	24	18	18	20	22	47	19	71	18	284	25
13. Strand (wkh. in 9) . H	43667	44446	23	27	15	19	11	23	15	15	51	15	214	22
14. Holborn	44532	46571	18	17	20	16	15	13	25	26	40	13	203	19
15. Clerkenwell . . PP	56799	64705	24	20	17	22	11	20	29	23	48	28	242	19
16. St. Luke (wkh. in 20) L	49908	54058	23	25	29	21	18	20	24	30	53	14	257	18
17. East London . . . P	39718	44407	22	14	14	29	13	18	16	32	47	18	223	15
18. West London *W*HPPP	29188	28829	25	23	29	10	16	15	33	19	69	18	257	8
19. City of Lon. (wkh. in 25)	56009	55908	21	20	18	13	16	6	24	23	36	15	192	13
20. Shoreditch . . *W*L	83564	109209	44	39	48	59	33	42	47	45	170	46	573	38
21. Bethnal Green . . L	74206	90170	35	35	24	31	29	35	59	50	158	31	487	29
22. Whitechapel . . . H.	71879	79756	37	48	36	49	37	41	46	43	104	37	478	28
23. St. George-in-the-East .	41416	48375	28	15	21	24	28	16	35	31	52	10	260	24
24. Stepney . . . . H	90831	110669	40	33	40	32	54	53	38	45	112	42	489	47
25. Poplar. . . . *W*L	31171	47157	20	24	13	10	17	16	25	16	64	24	229	28
26. St. Saviour . . HH	33027	35729	21	23	21	22	12	14	12	23	100	16	264	16
27. St. Olave . . . HH	19869	19367	20	13	17	20	20	24	15	22	58	37	246	9
28. Bermondsey	35002	48128	13	17	19	28	12	18	24	19	132	18	300	25
29. St. Geo. Southwk. LPP	46718	51825	22	22	19	26	27	16	22	28	133	13	328	26
30. Newington . . . P	54693	64805	19	20	31	21	22	27	24	22	203	27	416	27
31. Lambeth	116072	139240	61	43	58	51	36	51	38	56	353	43	790	49
32. Wandsworth . . . L	39918	50770	*	*	*	9	8	20	19	15	74	19	164	26
33. Camberwell . . . LL	39931	54668	16	14	20	16	22	10	17	14	148	9	286	23
34. Rotherhithe	13940	17778	5	7	5	6	7	8	5	5	62	9	119	4
35. Greenwich . HHHP	81125	99404	41	38	51	44	33	54	54	44	148	59	566	52
36. Lewisham. . . . *W*	23051	34831	*	*	*	*	*	*	15	16	31	18	80	16

† Seamen and others on board vessels in the docks and river are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

Note.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 11327; which divided by 10 gives 1133 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 1133 divided by 10 is about 113, which added to 1133, makes the corrected average 1246. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 170 in 10 weeks; the average was 17; the corrected average 19. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831–41; 1·998 *per cent.* annually in the ten years, 1841–51; and 1·778 *per cent.* annually in the fifty years, 1801–51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5\cdot5} = 1{\cdot}1018 = 1 + \frac{1}{9\cdot82}$

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9\cdot82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	1	.	1
2 *St. George Hanover Square [Chelsea N.W.]*	.	1	1
3 St. George Hanover Square [May Fair]	.	.	.
4 Westminster [St. Margaret]	.	1	1
5 St. Martin-in-the-Fields [Charing Cross]	.	3	3
6 St. James Westminster [Golden Square]	.	3	3
7 Marylebone [Rectory]	.	4	4
9 *Strand [Tottenham Court]*	2	.	2
9 Pancras [Camden Town]	2	4	6
10 Islington [West]	3	1	4
11 Hackney [Hackney]	2	1	3
12 St. Giles [South]	3	.	3
14 Holborn [St. Andrew East]	.	.	.
15 Clerkenwell [St. James]	.	.	.
17 East London [St. Botolph]	.	2	2
18 *East London [West London North]*	.	.	.
18 West London [North]	.	.	.
20 Shoreditch [Haggerstone West]	1	.	1
20 *St. Luke [Hoxton New Town]*	.	.	.
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	.	2	2
23 St. George-in-the-East [St. John]	1	.	1
24 Stepney [Shadwell]	.	.	.
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	1	.	1
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	.	.	.
25 Poplar [Poplar]	1	1	2
26 St. Saviour [Christchurch]	.	1	1
27 St. Olave [St. John Horsleydown]	.	1	1
28 Bermondsey [St. Mary Magdalen]	1	.	1
29 St. George Southwark [Borough Road]	2	1	3
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2d]	2	.	2
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	1	.	1
33 Camberwell [Camberwell]	2	.	2
34 Rotherhithe	.	.	.
35 Greenwich [East]	.	.	.
36 Lewisham [Village]	.	2	2
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	25	28	53

HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	6	.	6
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	1	.	1
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	7	.	7
General Hospitals:—			
3 St. George [Belgrave]	10	3	13
4 Westminster [St. Margaret]	3	.	3
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	3	2	5
9 University College [Tottenham Court]	.	1	1
9 Royal Free Hospital [Gray's Inn Lane]	.	.	.
13 King's College [St. Clement Danes]	1	2	3
18 St. Bartholomew [West London North]	1	1	2
22 London [Whitechapel Church]	3	2	5
27 Guy's [St. Olave and St. Saviour]	2	.	2
27 St. Thomas [St. Olave & St. Saviour]	1	.	1
Total	24	11	35
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	.	.	.
10 Fever [Islington West]	.	1	1
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	.	.
Total	.	1	1

HOSPITALS—*continued.*	M.	F.	T.
Lying in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northum. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	1	1
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	1	1
29 Bethlem [London Road]	.	1	1
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	3	.	3
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	1	.	1
Total	4	3	7
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	1	.	1
4 Coldstream Guards Hospital [ditto]	2	.	2
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	3	.	3
36 Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	6	.	6
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	1	1
Total	.	1	1

PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.

Workhouses	25	28	53
Military and Naval Asylums	7	.	7
General Hospitals	24	11	35
Hospitals for Special Diseases	.	1	1
Lying-in Hospitals	.	.	.
Lunatic Asylums	4	3	7
Military and Naval Hospitals	6	.	6
Hospitals and Asylums for Foreigners	.	1	1
Prisons	.	.	.
Total in Public Institutions	66	44	110

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 6th September 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Difference between the Dew Point Temperature and Air Temperature. Greatest.	Difference between the Dew Point Temperature and Air Temperature. Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure in lbs. on the square foot. Greatest.	Osler's. Pressure in lbs. on the square foot. Least.	Osler's. Pressure in lbs. on the square foot. Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
August.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday .	31	..	30·064	64·8	42·2	54·3	45·7	..	35·0	62·0	59·5	8·6	11·4	4·1	—5·5	Calm	N.W.	0·0	0·0	0·0	50	0·00
Sept.—																						
Monday .	1	..	30·036	76·6	55·2	64·6	56·1	..	46·0	62·2	60·0	8·5	12·9	5·2	+4·9	Calm	W.	0·0	0·0	0·0	110	0·00
Tuesday .	2	First Quarter.	29·942	75·6	57·6	65·0	58·3	..	52·0	62·0	59·0	6·7	11·4	2·3	+5·4	N.W.	N.N.W.	0·0	0·0	0·0	80	0·12
Wednesday	3	..	29·980	74·2	58·7	64·4	57·6	..	55·3	63·2	60·6	6·8	12·6	1·8	+4·9	Calm	N.E.	0·0	0·0	0·0	30	0·01
Thursday .	4	..	29·921	70·7	54·7	60·7	56·2	..	46·9	63·5	61·8	4·5	11·1	1·0	+1·4	N.E.	N.N.E.	0·0	0·0	0·0	90	0·01
Friday . .	5	Greatest Dec. S.	30·042	70·0	49·0	58·0	47·7	..	42·0	64·0	61·6	10·3	14·4	4·6	—1·2	N.N.E.	N.N.E.	2·5	0·0	0·1	120	0·00
Saturday .	6	..	30·211	66·2	50·6	56·8	43·7	..	44·8	63·2	61·0	13·1	17·0	7·8	—2·3	N.N.E.	N.N.E.	2·5	0·0	0·2	125	0·00
Means . .		..	30·028	71·2	52·6	60·5	52·2	..	46·0	62·9	60·5	8·4	13·0	3·8	+1·1	..		..	..	..	Sum 605	Sum 0·14
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

Sunday . .	Positive, and tension moderate at each examination.
Monday. .	Positive, and tension weak at 9h. p.m.
Tuesday .	Positive, and tension variable throughout the day.
Wednesday	Positive, and tension strong throughout the day.
Thursday .	Positive, and tension very weak at 9h. a.m.
Friday . .	Nothing was shown throughout the day.
Saturday .	The apparatus was out of order.

GENERAL REMARKS.

The sky was for the most part covered with cloud till near noon, partially covered during the afternoon, and overcast at night; cumulostratus, cirrostratus, and hare.

The sky was overcast till noon, and three fourths covered with cloud during the remainder of the day; cumuli, cumulostrati, and cirrostrati.

The sky was overcast during the morning, and generally three fourths covered with cloud afterwards; cirrocumuli and cirrostrati. Rain fell occasionally during the morning.

The sky was overcast till near noon, during the afternoon the amount of cloud was variable, and clear at night; cumuli, cumulostrati, and cirrostrati.

The sky, with slight exceptions, was covered with cloud throughout the day; cirrostratus.

The amount of cloud was variable till noon, and the sky was for the most part covered with cloud during the remainder of the day; cumuli, cumulostrati, and cirrostrati.

Three fourths of the sky were covered generally throughout the day; cumulostrati, cirrostrati, and fleecy clouds.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R.S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, —*lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 63·2°; and the mean reading at 9h. P.M. was 60·3°; the mean readings at the Royal Observatory for the same times were 62·4° and 58·5° respectively.

The reading of the barometer at the beginning of the week was 30·04 in.; and it continued at this value, with very slight changes, till after 9h. P.M. on September 1, when it decreased slowly to 29·92 in. by 9h. A.M. on the 2d; increased to 30·00 in. by 9h. A.M. on the 3d, continued at this reading till after noon on the same day; decreased to 29·91 in. by 3h. P.M. on the 4th, and increased to 30·28 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, September 13. [No. 37.

HEALTH OF LONDON DURING THE WEEK.

London is as healthy as is usual at this season of the year. 1026 deaths were registered in the week. The average number of deaths in the corresponding week of the ten years 1841–50 was 1104; or 1000 if we correct for increase of population and exclude 2865 deaths in the second week of September 1849, when the cholera was epidemic. In the last week there was a death every ten minutes in London; but the population is now about 2,381,000, and the mortality is therefore at the rate of 1 in 2381 weekly. The births were 1429, and exceeded the deaths by 403; the population is increasing partly by immigration at the rate of 42,000 a year, or 800 weekly.

535 males and 491 females died. The ages of 4 persons were not reported; 198 only were of the age of 60 and upwards, 359 were in the prime of life, and 465 were children who had not attained the age of 15. Of the 1026 deaths, 722 occurred on the north, 304 on the south side of the Thames. 72 persons died in hospitals, 9 in lunatic asylums, 93 in workhouses, 5 in prisons; 7 in military and naval hospitals, and 8 in military and naval asylums. No persons died in the hospitals for foreigners.

Diarrhœa, summer cholera, and fever are the prevailing diseases; fever is increasing; cholera is slowly, diarrhœa rapidly, declining. The deaths in the last three weeks were 28, 17, 17 from cholera, and 174, 192, 101 from diarrhœa. 24 men and women died of that painful disease—cancer, and 119 of consumption, and 31 of heart disease. 6 women died in childbirth. 59 violent deaths are reported.

The following are the particulars of the deaths from cholera, referred to, in the week ending Saturday the 13th September. The names are those affixed to the cases by the medical attendants:—

In Kensington, St. Mary, Paddington, sub-district, at 2 Woodfield Cottages on 8th September, the wife of a metal organ-pipe maker, aged 35 years, "cholerhoid diarrhœa and bilious vomiting (3 days)."

In Kensington, Kensington-town sub-district, at 20 High-street, Notting-hill, on 3d September, the son of a draper, aged 9 months, "diarrhœa (10 days), cholera infantum (1 day)."

In Hammersmith, St. Pauls, at 8 Mortimer-terrace, Latymer-road, on 11th September, the son of a carpenter, aged 17 days, "cholera infantum (6 days), trismus nascentium (2 days)."

In Mary-le-bone, All Souls sub-district, at 71 Wells-street, on 9th September, the son of a tailor, aged 8 months, "cholera infantum."

In Mary-le-bone, Christ Church sub-district, at 5 Providence-place, Lisson-grove, on 9th September, the son of a hawker, aged 2 years, "cholera infantum (5 hours)."

In Mary-le-bone, St. Johns sub-district, at 57 Finchley-road, on 8th September, the daughter of a stationer, aged 1 year, "cholera (16 hours)."

In Holborn, St. Andrew, Eastern sub-district, at 41 Liquorpond-street, on 9th September, a milkman, aged 62 years, "cholera (2 days), consecutive fever (12 days)."

In Cripplegate, at 17 Red-cross-street, on 5th September, the daughter of a baker, aged 7 years, "cholera (12 hours)."

In the City, North-east sub-district, at 7 Cross-key-court, London-wall, on 7th September, the widow of a seaman, aged 71 years, "English cholera (3 days)."

In St. Saviour sub-district, at St. Thomas's Hospital, on 5th September, the daughter of a labourer, aged 15 years, "cholera, tubercles in lungs."

In St. George the Martyr, Southwark, Kent-road sub-district, at 11 Stone-cutters-yard, on 7th September, the son of a carman, aged 3 years, "English cholera (17 hours)."

In Newington, St. Mary sub-district, at 7 New-street, on 4th September, the son of a shoemaker, aged 17 months, "cholera infantum (4 weeks)."

In Lambeth, at 28 Wood-street, on 5th September, a bookseller, aged 56 years, "cholera, with disease of the liver."

In Lambeth, at 14 Vassall-road, on 7th September, the wife of a warehouseman, aged 33 years, "diarrhœa (7 days), cholera (5 days)."

In Woolwich Dock-yard sub-district, at Charlton-vale, on 10th September, a tailor, aged 25 years, "English cholera (14 days)."

In Woolwich Arsenal sub-district, at 138 High-street, on 11th September, the son of a cheesemonger, aged 5 weeks, "cholera (7 days)."

In Lewisham Village sub-district, at Rushy-green, on 5th September, the widow of a servant, aged 64 years, "English cholera (10 days)."

The births of 734 boys and 695 girls, in all 1429 children, were registered in the week. The average of six corresponding weeks in 1845–50 was 1292.

At the Royal Observatory, Greenwich, the mean reading of the barometer during the week ending Saturday the 13th September was 30·308 in. The mean temperature of the week was 57·1°; the atmosphere was cold for the season, and 1·5° less than the average of the same week in ten years. The lowest reading of the thermometer during the week was 37·6° on Wednesday, and the highest on Saturday, 72·4°, showing a range of about 35 degrees. No rain fell during the week. The mean direction of the wind was north-east.

The subjoined cases are taken from the Registrars' Reports :—

In the Regents-park sub-district, at 1 Henry-street, on 5th September, the widow of a servant is stated to have died of "natural decay" at the advanced age of 102 years.

In St. Pancras, Camden-town sub-district, at 23 Pratt-street, on 9th September, a bag-maker, aged 72 years, "diarrhœa (10 days), dysentery (15 days), exhaustion (5 days)." Mr. Holl remarks that "much disease, arising from the want of sanatory improvement, prevails in this place. The back yards are below the level of the road, the cesspools at the bottom of the yards are in a very foul state, and one of the inhabitants keeps several pigs. The houses are crowded by poor families, the majority of whom are not of the most cleanly habits. These yards abut upon

the ground of a house in Acre-place; the back of the privies alluded to forms a portion of the garden wall, and the stench from the cesspools is so great that the family living in Acre-place are suffering from fever and other disorders, which their medical attendant asserts arise from the nuisance complained of. The parish authorities have been applied to, but nothing is done to remedy the evil."

In Saint Pancras, Kentish-town sub-district, at 18 Haverstock-street, Camden-town, on 9th September, the daughter of a labourer, aged 3 years, "confluent small-pox (1 week), vaccinated 2 weeks before death." Mr. Hacker adds, that "there are 7 persons ill with the same disease in this house. I understand there is a dust-hole which is most offensive from the occupiers neglecting to have it emptied."

Mr. Child, the Registrar of Norwood sub-district, states, that "diarrhœa is prevalent in the district, more particularly in localities inhabited by the lower classes, and those who keep swine in close confined places."

BIRTHS Registered LAST WEEK, and in the THIRTY-SEVENTH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1184	1280	1277	1302	1302	1409	1292	1429
Males . . .	619	663	666	657	663	725	665	734
Females . .	565	617	611	645	639	684	627	695

DEATHS Registered LAST WEEK, and in the THIRTY-SEVENTH Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		877	864	915	843	840	944	1040	926	2865	929	1104·3	1026
Males . .		460	443	471	443	450	441	519	484	1351	463	552·5	535
Females .		417	421	444	400	390	503	521	442	1514	466	551·8	491
	Ages.												
Deaths at three periods of life . .	0—15	468	460	515	428	437	417	553	486	1088	427	527·9	465
	15—60	261	267	262	277	252	335	317	301	1292	331	389·5	359
	60 & up.	146	136	138	137	150	192	165	139	482	171	185·6	198

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS Registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	June 21.	June 28.	July 5.	July 12.	July 19.	July 26.	Aug. 2.	Aug. 9.	Aug. 16.	Aug. 23.	Aug. 30.	Sept. 6.	Sept. 13.
BIRTHS	1482	1439	1530	1346	1407	1383	1451	1477	1500	1455	1401	1500	1429
DEATHS	968	1032	1003	881	873	956	1010	1038	1061	956	1061	967	1026
DEATHS (except from Violence) . . .	925	953	950	869	853	936	992	1025	1037	944	1034	945	967
Deaths (except from Violence) at 60 years and upwards . .	163	174	193	156	170	168	192	180	177	183	173	140	191
Scarlatina	19	14	22	13	6	18	14	25	17	18	20	29	27
Typhus	35	38	46	28	32	59	53	50	53	41	54	41	57
Diarrhœa & Dysentery	16	21	27	53	67	85	146	146	162	148	181	200	108
Cholera	1	1	5	9	8	12	12	16	28	19	28	17	17
Mean Temperature .	60°·2	62°·3	62°·9	59°·6	58°·1	60°·0	63°·4	64°·1	64°·6	63°·8	56°·4	60°·5	57°·1

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,										1851			
	61°·7 Sept. 18 1841	58°·6 Sept. 17 1842	62°·5 Sept. 16 1843	58°·8 Sept. 14 1844	55°·8 Sept. 13 1845	65°·1 Sept. 12 1846	55°·5 Sept. 11 1847	52°·3 Sept. 16 1848	56°·5 Sept. 15 1849	55°·3 Sept. 14 1850	Mean 58°·2 Sum of 10 Weeks.	57°·1—Sept. 13. 0	15	60	All Ages.
ALL CAUSES	877	864	915	843	840	944	1040	926	2865	929	11043	465	359	198	1026†
SPECIFIED CAUSES	864	858	905	840	835	943	1039	925	2859	926	10994	464	358	196	1022†
1. Zymotic Diseases	171	180	242	236	208	201	375	374	2159	238	4384	214	49	27	290
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	59	62	49	45	46	36	38	41	40	47	463	6	34	18	58
3. Tubercular Diseases	184	178	206	163	158	202	161	142	170	171	1735	58	113	8	179
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	110	105	136	99	103	132	120	90	115	95	1105	49	31	27	108†
5. Diseases of the Heart and Blood-vessels	20	23	16	21	44	28	32	22	20	32	258	..	23	10	34†
6. Diseases of the Lungs, and of the other Organs of Respiration	107	72	52	73	62	68	61	70	76	91	732	31	26	25	82
7. Diseases of the Stomach, Liver, and other Organs of Digestion	74	83	87	57	75	80	67	74	67	60	724	20	29	19	68
8. Diseases of the Kidneys, &c.	4	8	4	7	8	11	16	6	14	13	91	..	5	4	9
9. Childbirth, Diseases of the Uterus, &c.	7	4	6	9	8	3	9	9	8	9	72	..	6	..	6
10. Rheumatism, Diseases of the Bones, Joints, &c.	2	7	8	7	10	12	8	5	3	9	71	..	7	..	7
11. Diseases of the Skin, Cellular Tissue, &c.	..	..	..	..	1	5	1	..	3	..	10	..	..	1	1
12. Malformations	..	..	2	1	1	3	8	2	5	5	27	2	..	..	2
13. Premature Birth & Debility	16	32	15	17	16	23	21	12	46	29	227	27	1	..	28
14. Atrophy	13	12	13	15	24	29	37	16	41	32	232	25	3	2	30
15. Age	65	48	44	55	34	42	41	29	42	24	424	..	..	44	44
16. Sudden	11	17	7	7	5	6	14	4	17	20	108	7	2	4	13
17. Violence, Privation, Cold, and Intemperance	21	27	18	28	32	62	30	29	33	51	331	25	29	7	63†
1.—Small-pox	8	8	5	37	..	3	14	36	9	7	127	18	4	..	22
Measles	15	20	32	18	71	8	37	16	15	15	247	14	..	..	14
Scarlatina	12	35	48	70	14	19	49	145	24	38	454	27	..	..	27
Hooping Cough	45	15	15	16	25	21	19	33	35	20	244	18	..	..	18
Croup	8	7	6	8	9	8	5	4	3	7	65	4	..	..	4
Thrush	12	9	11	8	11	7	9	2	4	3	76	7	..	..	7
Diarrhœa	27	40	69	19	39	70	119	42	280	78	783	80	6	15	101
Dysentery	5	5	7	4	5	9	13	13	23	7	91	5	1	1	7
Cholera	2	5	4	1	2	8	7	6	1682	4	1721	9	5	3	17
Influenza	1	1	..	3	..	..	..	..	1	..	6	..	..	..	..
Purpura and Scurvy	2	..	1	..	..	..	3	..	..	..	6	1	..	..	1
Ague	..	..	..	1	..	..	..	1	..	1	3	3	..	..	3
Remittent Fever	..	..	1	1	1	..	..	1	2	..	6	3	..	..	3
Infantile Fever	*	*	*	*	*	*	*	..	3	1	4	..	..	..	..
Typhus	30	32	36	41	23	40	81	63	66	47	459	20	30	7	57
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	3	5	4	12	..	1	..	1
Rheumatic Fever	*	*	*	*	*	*	*	..	..	..	..	1	1	..	2
Erysipelas	4	3	6	8	6	6	15	8	5	5	66	3	1	1	5
Syphilis	..	..	1	1	2	1	4	1	2	1	13	..	..	..	..
Noma (or Canker)	*	*	*	*	..	1	..	..	..	..	1	1	..	..	1
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	4	5	2	1	5	3	3	2	6	7	38	1	4	1	6
Dropsy	33	41	24	23	19	20	18	20	14	17	229	4	9	6	19
Abscess	6	3	2	2	2	1	1	1	..	2	20	1	2	1	4
Ulcer	..	..	2	1	3	..	..	1	1	3	11	..	..	..	..
Fistula	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
Mortification	6	3	5	3	2	..	2	2	..	2	25	..	..	4	4
Cancer	10	10	14	14	13	10	12	14	19	16	132	..	18	6	24
Gout	..	..	..	1	2	1	2	1	..	..	7	..	1	..	1
3.—Scrofula	3	3	1	2	5	4	4	5	7	7	41	5	2	..	7
Tabes Mesenterica	7	5	15	7	18	28	26	19	27	21	173	20	..	..	20
Phthisis (or Consumption)	137	141	149	121	102	144	108	100	97	117	1216	17	111	8	136
Hydrocephalus	37	29	41	33	33	26	23	18	39	26	305	16	..	..	16

* See Note, page 294.

† The ages of four persons were not stated.

in the THIRTY-SEVENTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 57°·1—Sept. 13.			
	61°·7	58°·6	62°·5	58°·8	55°·8	65°·1	55°·5	52°·3	56°·5	55°·3	Mean 58°·2				
	Sept. 18	Sept. 17	Sept. 16	Sept. 14	Sept. 13	Sept. 12	Sept. 11	Sept. 16	Sept. 15	Sept. 14	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
4.—Cephalitis	13	17	15	6	11	14	8	9	14	5	112	4	3	..	7
Apoplexy	10	9	16	15	20	26	21	19	20	23	179	4	5	10	20†
Paralysis	7	11	21	14	18	25	19	15	15	17	162	..	10	11	21
Delirium Tremens	1	..	1	1	4	3	3	1	11	3	28	..	1	1	2
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy	4	1	3	4	7	4	7	4	12	4	50	3	8	..	11
Tetanus	..	..	1	1	..	..	..	..	1	1	4	..	..	..	..
Insanity	..	..	..	2	2	2	1	1	4	..	12	..	..	..	..
Convulsions	67	59	74	45	34	40	52	28	31	33	463	32	..	..	32
Disease of Brain, &c.	8	8	5	11	7	18	9	13	7	9	95	6	4	5	15
5.—Pericarditis	..	1	..	5	2	..	2	..	1	2	13	..	..	..	..
Aneurism	..	..	1	..	..	2	2	2	1	2	10	..	3	..	3
Disease of Heart, &c.	20	22	15	16	42	26	28	20	18	28	235	..	20	10	31†
6.—Laryngitis	1	..	..	..	2	5	2	4	..	1	15	3	..	..	3
Bronchitis	8	6	7	9	18	17	13	26	22	33	159	8	15	16	39
Pleurisy	1	1	1	2	1	5	4	..	2	2	19	2	2	..	4
Pneumonia	81	48	32	46	31	33	21	29	40	40	401	18	5	2	25
Asthma	7	8	6	6	2	2	8	4	5	10	58	..	2	2	4
Disease of Lungs, &c.	9	9	6	10	8	6	13	7	7	5	80	..	2	5	7
7.—Teething	22	27	19	13	15	5	14	12	15	10	152	11	..	..	11
Quinsey	1	..	4	1	..	3	2	2	1	1	15	..	1	..	1
Gastritis }	32	27	30	..	1	2	1	3	2	2	200	..	1	1	2
Enteritis }				18	18	14	13	17	6	14		5	3	2	10
Peritonitis	..	..	2	4	1	6	1	7	2	4	27	2	2	..	4
Ascites	..	2	..	3	1	3	..	1	3	4	17	..	1	..	1
Ulceration (of Intestines)	..	3	2	1	5	2	3	4	2	2	24	..	..	..	..
Hernia	..	1	1	..	..	3	..	1	4	1	11	1	1	3	5
Ileus	2	2	..	4	1	2	2	2	5	3	23	..	1	..	1
Intussusception	..	..	1	1	2	2	3	1	..	..	10	..	..	1	1
Stricture of Intestinal Canal	..	1	..	..	1	2	1	1	1	2	9	..	1	..	1
Disease of Stomach, &c.	4	4	11	4	7	10	6	4	6	1	57	..	4	2	6
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	2	1	1	1	3	6	5	5	5	7	36	..	4	3	7
Jaundice	2	1	3	2	3	3	2	2	2	5	25	1	1	2	4
Disease of Liver	9	14	12	5	17	16	14	12	13	4	116	..	8	5	13
Disease of Spleen	..	..	1	..	..	1	..	..	..	..	2	..	1	..	1
8.—Nephritis	1	1	..	..	1	1	..	1	1	1	7	..	1	..	1
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	1	1	2	4	..	1	2	3
Ischuria	..	..	1	..	..	1	1	1	..	1	5	..	..	..	..
Diabetes	..	1	..	1	1	..	5	..	..	..	8	..	..	..	..
Stone	..	..	..	1	1	1	1	1	..	..	5	..	..	..	..
Cystitis	..	..	1	..	..	..	1	..	2	2	6	..	..	..	..
Stricture of Urethra	..	1	2	1	2	1	2	..	2	1	12	..	..	..	..
Disease of Kidneys, &c.	3	5	..	4	3	7	6	2	8	6	44	..	3	2	5
9.—Paramenia	..	..	2	..	..	..	..	..	..	..	2	..	..	..	..
Ovarian Dropsy	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Childbirth (*see* Metria)	7	2	2	7	5	3	3	7	6	4	46	..	5	..	5
Disease of Uterus, &c.	..	2	2	2	3	..	6	2	2	4	23	..	1	..	1
10.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	2	3	3	3	4	9	4	2	2	6	38	..	5	..	5
Disease of Joints, &c.	..	4	5	4	6	3	4	3	1	3	33	..	2	..	2
11.—Carbuncle	..	..	..	..	..	1	..	..	..	..	1	..	..	1	1
Phlegmon	..	..	..	..	1	1	..	..	3	..	5	..	..	..	..
Disease of Skin, &c.	..	..	..	..	..	3	1	..	..	..	4	..	..	..	..
17.—Intemperance	2	..	..	2	1	3	2	..	..	..	10	..	1	..	1
Privation of Food	..	..	1	..	..	1	..	..	3	..	5	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	1	7	2	10	3	..	..	3
Neglect	*	*	*	*	*	*	*	1	..	1	2	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	2	..	2	4	..	1	..	1
Burns and Scalds	*	*	*	*	*	*	*	4	2	2	8	8	1	..	9
Hanging and Suffocation	*	*	*	*	*	*	*	1	..	8	9	1	2	2	5
Drowning	*	*	*	*	*	*	*	5	6	6	17	4	6	..	11†
Fractures	*	*	*	*	*	*	*	14	11	25	50	9	14	4	27
Wounds	*	*	*	*	*	*	*	..	1	3	4	..	4	1	5
Other Violence	*	*	*	*	*	*	*	1	3	2	6	..	..	..	1†
All Violence	19	27	17	26	31	58	28	27	23	48	304	22	28	7	59†
Causes not specified	13	6	10	3	5	1	1	1	6	3	49	1	1	2	4

* See Note, page 291.

† The ages of four persons were not stated.

DEATHS Registered in the THIRTY-SEVENTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION† in		Mean Temperature for Week ending Saturday,											
			61·7	58·6	62·5	58·8	55·8	65·1	55·5	52·3	56·5	55·3	Mean 58°·2	57·1
			Sept. 18	Sept. 17	Sept. 16	Sept. 14	Sept. 13	Sept. 12	Sept. 11	Sept. 16	Sept. 15	Sept. 14	Sum of 10 Weeks.	Sept. 13
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948369	2361640	877	864	915	843	840	944	1040	926	2865	929	11043	1026
1-6. WEST DISTRICTS .	301189	376332	117	124	151	135	109	110	143	118	347	133	1487	147
7-11. NORTH DISTRICTS .	376568	490441	174	147	152	172	138	198	208	185	345	195	1914	217
12-19. CENTRAL DISTRICTS	374199	392986	183	178	200	178	165	168	196	169	373	180	1990	152
20-25. EAST DISTRICTS .	393067	485336	199	205	189	175	204	225	248	190	600	176	2411	206
26-36. SOUTH DISTRICTS .	503346	616545	204	210	223	183	224	243	245	264	1200	245	3241	304
1. Kensington . . . HL	74898	119990	25	31	33	29	30	25	48	30	105	28	384	44
2. Chelsea . . . . *W*H	40243	56543	19	15	26	21	23	22	22	17	70	25	260	23
3. St. George Hanover-sq. H	66657	73207	15	26	33	30	18	19	14	25	48	34	262	23
4. Westminster . HHPP	56802	65609	34	29	38	38	17	23	38	33	77	27	354	37
5. St. Martin-in-the-Flds. H	25132	24557	12	9	12	6	6	13	13	5	27	9	112	11
6. St. James Westminster .	37457	36426	12	14	9	11	15	8	8	8	20	10	115	9
7. Marylebone . . . H	138383	157679	61	57	61	65	46	66	61	79	94	60	650	75
8. Hampstead . . . }	140078	11986	*	*	*	*	*	*	4	6	4	4	18	4
9. Pancras . . . *W*HH }		167198	72	56	53	59	62	95	96	60	142	79	774	64
10. Islington . . . HP	55779	95154	26	16	24	23	18	20	29	24	70	36	286	59
11. Hackney . . . . H	42328	58424	15	18	14	25	12	17	18	16	35	16	186	15
12. St. Giles	54378	54062	26	31	41	19	20	23	19	17	71	21	288	13
13. Strand (wkh. in 9) . H	43667	44446	26	29	20	16	24	15	19	17	30	24	220	14
14. Holborn	44532	46571	23	14	19	21	22	15	30	19	28	15	206	28
15. Clerkenwell . . PP	56799	64705	20	21	33	22	29	23	37	21	52	45	303	22
16. St. Luke (wkh. in 20) L	49908	54058	23	21	26	19	23	26	24	27	55	27	271	19
17. East London . . . P	39718	44407	22	22	13	24	12	18	23	18	37	14	203	24
18. West London *W*HPPP	29188	28829	27	24	32	29	18	29	27	30	65	17	298	18
19. City of Lon. (wkh. in 25)	56009	55908	16	16	16	28	17	19	17	20	35	17	201	14
20. Shoreditch . . *W*L	83564	109209	45	39	45	39	43	57	58	49	160	45	580	46
21. Bethnal Green . . L	74206	90170	35	31	38	42	27	25	46	24	151	27	446	35
22. Whitechapel . . . H	71879	79756	42	51	43	31	40	42	47	37	95	36	464	48
23. St. George in the East .	41416	48375	21	22	18	18	22	23	22	26	40	22	234	19
24. Stepney . . . . H	90831	110669	48	46	34	38	58	60	46	40	99	26	495	42
25. Poplar . . . *W*L	31171	47157	8	16	11	7	14	18	29	14	55	20	192	16
26. St. Saviour . . HH	33027	35729	13	25	17	12	18	22	24	27	67	19	244	21
27 St. Olave . . . HH	19869	19367	13	25	26	11	24	34	14	13	56	17	233	18
28. Bermondsey	35002	48128	23	13	19	14	17	21	19	11	103	21	261	21
29. St. Geo. Southwk. LPP	46718	51825	18	8	17	18	18	15	28	23	134	27	306	18
30. Newington . . . P	54693	64805	20	25	16	22	22	26	32	22	176	26	387	37
31. Lambeth	116072	139240	54	55	46	46	59	54	48	60	318	45	785	61
32. Wandsworth . . . L	39918	50770	*	*	*	4	18	21	13	17	54	8	135	21
33. Camberwell . . . LL	39931	54668	17	14	23	17	12	11	21	17	84	20	236	25
34. Rotherhithe	13940	17778	6	6	6	6	5	4	6	12	44	2	97	14
35. Greenwich . HHHP	81125	99404	40	39	53	33	31	35	33	55	142	50	511	60
36. Lewisham . . . *W*	23051	34831	*	*	*	*	*	*	7	7	22	10	46	8

† Seamen and others on board vessels in the docks and river are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841-50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 11043; which, divided by 10, gives 1104 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 1104 divided by 10 is about 110, which added to 1104, makes the corrected average 1214. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 127 in 10 weeks; the average was 13; the corrected average 14. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831-41; 1·998 *per cent.* annually in the ten years, 1841-51; and 1·778 *per cent.* annually in the fifty years, 1801-51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841-50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5{\cdot}5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	1	.	1
2 *St. George Hanover Square [Chelsea N.W.]*	.	.	.
3 St. George Hanover Square [May Fair]	3	1	4
4 Westminster [St. Margaret]	.	.	.
5 St. Martin-in-the-Fields [Charing Cross]	2	2	4
6 St. James Westminster [Golden Square]	.	.	.
7 Marylebone [Rectory]	11	8	19
9 *Strand [Tottenham Court]*	.	.	.
9 Pancras [Camden Town]	.	5	5
10 Islington [West]	.	.	.
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	.	.	.
14 Holborn [St. Andrew East]	2	1	3
15 Clerkenwell [St. James]	2	1	3
17 East London [St. Botolph]	.	2	2
18 *East London [West London North]*	2	.	2
18 West London [North]	.	.	.
20 Shoreditch [Haggerstone West]	4	4	8
20 *St. Luke [Hoxton New Town]*	3	.	3
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	.	.	.
23 St. George-in-the-East [St. John]	.	3	3
24 Stepney [Shadwell]	.	2	2
24 Stepney [Ratcliff]	.	2	2
24 Stepney [Mile End Old Town Lower]	.	.	.
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	2	1	3
25 Poplar [Poplar]	.	.	.
26 St. Saviour [Christchurch]	.	.	.
27 St. Olave [St. John Horselydown]	4	.	4
28 Bermondsey [St. Mary Magdalen]	.	1	1
29 St. George Southwark [Borough Road]	.	2	2
30 Newington [St. Peter Walworth]	2	3	5
31 Lambeth [Lambeth Church 2d]	4	2	6
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	.	2	2
33 Camberwell [Camberwell]	.	1	1
34 Rotherhithe	.	.	.
35 Greenwich [East]	4	4	8
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	46	47	93
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	8	.	8
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	.	.	.
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	8	.	8
General Hospitals:—			
3 St. George [Belgrave]	3	.	3
4 Westminster [St. Margaret]	2	3	5
5 Charing Cross [Charing Cross]	2	.	2
7 Middlesex [All Souls]	2	1	3
9 University College [Tottenham Court]	1	2	3
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	.	2	2
18 St. Bartholomew [West London North]	5	4	9
22 London [Whitechapel Church]	19	6	25
27 Guy's [St. Olave and St. Saviour]	5	4	9
27 St. Thomas [St. Olave and St. Saviour]	1	3	4
Total	40	25	65
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	4	.	4
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	2	3
Total	5	2	7

	M.	F.	T.
HOSPITALS — *continued.*			
Lying-in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	3	1	4
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	2	1	3
33 Peckham House [Camberwell]	1	.	1
33 Camberwell House [Camberwell]	.	1	1
Total	6	3	9
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	1	.	1
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	3	.	3
36 Dreadnought Ship (for Seamen, Greenwich West)	3	.	3
Total	7	.	7
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	2	.	2
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	3	.	3
Total	5	.	5
Workhouses	46	47	93
Military and Naval Asylums	8	.	8
General Hospitals	40	25	65
Hospitals for Special Diseases	5	2	7
Lying-in Hospitals	.	.	.
Lunatic Asylums	6	3	9
Military and Naval Hospitals	7	.	7
Hospitals and Asylums for Foreigners	.	.	.
Prisons	5	.	5
Total in Public Institutions	117	77	194

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 13th September 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
SEPTEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY . .	7	..	30·340	66·9	45·4	56·9	44·9	..	36·1	62·6	60·5	12·0	18·7	6·7	—2·0	N.	N.N.E.	2·0	0·0	0·1	80	0·00
MONDAY. .	8	..	30·375	63·2	50·6	58·2	50·2	..	48·1	61·8	59·6	8·0	12·6	5·0	—0·6	N.N.E.	N.N.E.	0·0		0·0	50	0·00
TUESDAY .	9	..	30·362	67·6	45·4	56·5	42·4	..	38·0	62·0	59·6	14·1	18·7	3·5	—2·2	Calm	E.	0·0	0·0	0·0	45	0·00
WEDNESDAY	10	Full Apogee.	30·377	69·2	37·6	57·5	43·8	..	33·5	62·0	59·6	13·7	16·5	3·3	—1·1	Calm	E.	0·0		0·0	35	0·00
THURSDAY.	11	..	30·302	70·1	39·4	56·6	46·9	..	33·5	62·0	59·2	9·7	15·9	3·8	—1·9	Calm	N.E.	0·0	0·0	0·0	20	0·00
FRIDAY . .	12	In Equator.	30·211	67·7	40·5	55·7	47·7	..	34·0	61·5	59·0	8·0	12·6	4·6	—2·6	S.E.	Calm	0·0	0·0	0·0	5	0·00
SATURDAY.	13	..	30·192	72·4	43·8	58·2	47·7	..	38·0	61·8	59·0	10·5	18·6	0·0	0·0	Calm	N.E.	0·0	0·0	0·0	20	0·00
MEANS . .		..	30·308	68·2	43·3	57·1	46·2	..	37·3	62·0	59·6	10·9	16·2	3·8	—1·5	N.E.		..	..	..	Sum 255	Sum 0·00
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	Nothing was shown at any examination.
MONDAY . .	Positive, with very weak tension during the evening.
TUESDAY . .	Positive, and tension strong during the afternoon.
WEDNESDAY	Positive, and tension strong during the afternoon.
THURSDAY .	Positive, and tension variable during the afternoon.
FRIDAY . .	Positive, and tension moderate at noon.
SATURDAY .	Positive, and tension strong during the afternoon.

GENERAL REMARKS.

The amount of cloud was variable until the evening, when the sky became overcast; cumulostratus and cirro-stratus.

The sky, with very slight exceptions, was covered with cloud throughout the day; cirrocumuli, cirrostrati, and loose scud.

The sky was cloudless throughout the day.

The sky was cloudless throughout the day; haze prevailed during the morning.

A few light clouds prevailed at and near noon, otherwise the sky was cloudless throughout the day; dense haze prevailed during the earlier portion of the morning.

The sky was free from cloud throughout the day. Thick haze or thin fog prevailed during the morning.

Cloudless throughout the day. Thick fog prevailed during the morning.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9 h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 55·5°; and the mean reading at 9h. P.M. was 54·3°; the mean readings at the Royal Observatory for the same times were 57·6° and 51·5° respectively.

The reading of the barometer increased from 30·28 in. at the beginning of the week to 30·40 in. by 9h. A.M. on the 10th; decreased to 30·18 in. by 9h. P.M. on the 12th; and increased to 30·22 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, September 20. [No. 38.

HEALTH OF LONDON DURING THE WEEK.

The health of London was last week rather below the average. The deaths of 1097 persons were registered; of whom only 206 had attained the age 60; 496 were children under 15 years of age, and 394 were in the middle period of life. The age of one person was not stated. The deaths of males (569) exceeded the deaths of females (528) by 41. The births of 1527 children were registered; and the girls (785) exceeded the boys (742) by 43.

Cholera is decreasing; it was only fatal to 7 persons, 5 children and 2 adults, in the week; whereas in the five preceding weeks the deaths from this disease were 28, 19, 28, 17, 17. Diarrhœa is returned as the cause of 97 deaths; 67 in children, 30 in adults. Small-pox was fatal in 23 cases, measles in 13, hooping-cough in 19. Scarlatina is increasing; it was in the last 5 weeks the cause of 18, 20, 29, 27, and 41 deaths. The mortality from typhus has gradually increased; about 36 persons died of the fever weekly in June and the beginning of July. The deaths rose to 50 weekly in August. In the present month the disease has grown still more fatal; and last week it destroyed the lives of 67 persons; 24 children, 5 old people, and 38 persons in the prime of life. An increase of this formidable epidemic is to be apprehended. 13 women died in childbirth; 4 of them of metria or childbirth fever: 2 deaths were referred to burns and scalds, 3 to hanging, 9 to drowning, 11 to fractures, 1 to wounds.

186 of the deaths in London occurred in public institutions; 124 in workhouses, 5 in military and naval asylums, 42 in hospitals, 8 in lunatic asylums, 3 in military and naval hospitals, and 4 in prisons.

The following are the particulars of seven cases of cholera which were registered and certified by the medical attendants during the week ending Saturday the

20th September. The cause of death is stated in the words of the medical attendant.

In Fulham, at Bone-shed, Fulham-fields, on 10th September, the son of a labourer, aged 1 year, "cholera infantum (14 days), dentition."

In Fulham, at 1 North-row, North-end, on 8th September, the widow of a courier, aged 33 years, "diseased kidneys (long standing), English cholera (36 hours)."

In Marylebone, St. Mary, at 10 Newnham-street, on 18th September, the son of a servant, aged 7 months, "cholera infantum (1 month)."

In Clerkenwell, St. James's sub-district, at 10 Silver-street, on 13th September, the son of a lithographic printer, aged 7 months, "cholera morbus (15 hours)."

In Bethnal-green, at 9 Mape-street, on 13th September, the daughter of a weaver, aged 1 year, "diarrhœa (4 months), infantile cholera (3 weeks)."

In St. Peter, Walworth, at 23 Clandon-street, on 12th September, the daughter of a journeyman hat-case maker, aged 10 months, "English cholera (4 days)."

In Woolwich Arsenal sub-district, at the police station-house, William-street, on 14th September, inspector of police, aged 48 years, "English cholera (1 week)."

The births of 742 boys and 785 girls, in all 1527 children, were registered in the week. The average of six corresponding weeks in 1845–50 was 1252.

At the Royal Observatory, Greenwich, the mean reading of the barometer in the week ending the 20th September was 30·190 in. The mean temperature of the week was 57·3°, which is the average of the corresponding week for the last ten years. The temperature on Sunday had a range of 33 degrees. The maximum of the week was on this day; viz. 72·4°, and the minimum likewise on the same day, viz. 39·1°. The horizontal movement of the air was about 70 miles a day, chiefly from the north-east.

The annexed cases are taken from the Registrars' Reports:—

In St. Marylebone, Rectory sub-district, at 16 Great-York-mews, on 18th September, the daughter of a servant, aged 6 years, "typhoid fever (3 weeks)." Mr. Gayleard, the medical attendant, adds, that "this is the fourth or fifth case of typhoid fever in this mews. Each inhabitant has to empty a pail down a common grating into the sewer every evening, there being no closet, or any sewer to carry it off, and even the urine of the horses has to be collected and so disposed of; bubbles of noxious gas are continually appearing through openings between the stones."

In St. George Bloomsbury, at 13 Bloomsbury-street, on 12th September, the daughter of an assistant at the British Museum, aged 12 months, "diarrhœa." Mr. Yardley adds, that "the informant in this case states that the attack commenced about a fortnight ago while residing at 17 King's-terrace, Bagnigge-wells-road, where he lost another child on the same day owing to offensive effluvia from defective drainage, and a cesspool in the yard; two visitors were also attacked with diarrhœa."

In West London sub-district, at 5 Poppin's-court, St. Bride's, on 14th September, the daughter of a tailor, aged 6 months, "small-pox (21 days)." Mr. Nason, the Registrar, states that "the father has four children, none of whom have been vaccinated, and now labouring under the same disease, one two years old not out of danger; the house is well drained and ventilated."

In St. George, Southwark, London-road sub-district, at 3 Duke-street, on 15th September, a shoemaker, aged 34 years, "typhus fever (16 days)." Mr. Redford observes, from information furnished by the medical attendant, that "there is no ventilation in this poor man's rooms; they are not fit to be inhabited; there are nearly forty persons in the house, with an imperfect supply of water."

Births Registered last Week, and in the Thirty-eighth Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
Total. . . .	1090	1235	1162	1250	1400	1374	1252	1527
Males . . .	540	603	594	638	741	702	636	742
Females . .	550	632	568	612	659	672	616	785

Deaths Registered last Week, and in the Thirty-eighth Week of Ten previous Years.

	Ages.	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
Total. . .		857	766	983	857	774	863	1169	1038	1981	858	1014·6	1097
Males . .		451	404	483	447	370	417	595	541	918	460	508·6	569
Females .		403	362	500	410	404	446	574	497	1063	398	506·0	528
Deaths at three periods of life . .	0—15	436	381	546	476	398	387	549	539	816	392	492·0	496
	15—60	294	256	279	252	246	323	417	314	788	302	347·1	394
	60 & up.	127	129	156	129	130	152	202	184	363	163	173·5	206

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

Births and Deaths Registered in London in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	June 28.	July 5.	July 12.	July 19.	July 26.	Aug. 2.	Aug. 9.	Aug. 16.	Aug. 23.	Aug. 30.	Sept. 6.	Sept. 13.	Sept. 20.
Births	1439	1530	1346	1407	1383	1451	1477	1500	1455	1401	1500	1429	1527
Deaths	1032	1003	881	873	956	1010	1038	1061	956	1061	967	1026	1097
Deaths (except from Violence) . . .	953	950	869	853	936	992	1025	1037	944	1034	945	967	1068
Deaths (except from Violence) at 60 years and upwards . . .	174	193	156	170	168	192	180	177	183	173	140	191	204
Scarlatina	14	22	13	6	18	14	25	17	18	20	29	27	41
Typhus	38	46	28	32	59	53	50	53	41	54	41	57	67
Diarrhœa & Dysentery	21	27	53	67	85	146	146	162	148	181	200	108	106
Cholera	1	5	9	8	12	12	16	28	19	28	17	17	7
Mean Temperature .	62°·3	62°·9	59°·6	58°·1	60°·0	63°·4	64°·1	64°·6	63°·8	56°·4	60°·5	57°·1	57°·3

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 57°·3—Sept. 20.			
	57°·6 Sept. 25 1841	52°·1 Sept. 24 1842	62°·3 Sept. 23 1843	57°·4 Sept. 21 1844	55°·8 Sept. 20 1845	60°·4 Sept. 19 1846	54°·7 Sept. 18 1847	56°·7 Sept. 23 1848	55°·7 Sept. 22 1849	58°·4 Sept. 21 1850	Mean 57°·1 Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	857	766	983	857	774	863	1169	1038	1981	858	10146	496	394	206	1097†
SPECIFIED CAUSES	853	761	978	852	772	861	1167	1036	1965	853	10098	494	394	206	1095†
1. Zymotic Diseases	168	160	283	250	202	194	385	393	1291	196	3522	203	76	25	305†
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	61	53	50	58	32	51	51	45	32	40	473	2	26	23	51
3. Tubercular Diseases	184	169	183	169	131	183	187	157	163	162	1688	69	136	8	213
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	118	88	117	104	101	101	121	102	132	118	1102	58	40	32	130
5. Diseases of the Heart and Blood-vessels	18	10	14	23	24	29	29	36	34	28	245	5	18	14	37
6. Diseases of the Lungs, and of the other Organs of Respiration	97	81	61	66	64	78	92	78	97	88	802	52	38	32	122
7. Diseases of the Stomach, Liver, and other Organs of Digestion	64	61	108	62	73	56	82	64	52	44	666	20	16	18	54
8. Diseases of the Kidneys, &c.	5	4	5	8	10	13	12	12	11	11	91	..	6	4	10
9. Childbirth, Diseases of the Uterus, &c.	5	7	8	10	15	9	14	5	11	8	92	..	13	3	16
10. Rheumatism, Diseases of the Bones, Joints, &c.	4	11	9	5	6	12	12	5	9	7	80	1	5	2	8
11. Diseases of the Skin, Cellular Tissue, &c.	..	1	..	1	1	..	1	3	1	3	11	..	2	1	3
12. Malformations	1	2	3	2	7	3	6	4	3	4	35	2	..	..	2
13. Premature Birth & Debility	30	21	22	25	18	16	18	23	20	30	223	33	3	..	36
14. Atrophy	9	11	23	14	14	23	42	32	42	24	234	31	..	1	32
15. Age	52	47	55	45	35	45	52	43	52	43	469	..	..	38	38
16. Sudden	6	15	6	3	8	7	14	9	3	11	82	1	1	3	5
17. Violence, Privation, Cold, and Intemperance	31	20	31	7	31	41	49	25	12	36	283	17	14	2	33
1.—Small-pox	4	7	4	37	4	4	25	34	5	7	131	19	4	..	23
Measles	24	25	38	18	58	6	44	13	19	10	255	13	..	..	13
Scarlatina	18	29	64	87	20	15	32	161	41	30	497	34	6	..	41†
Hooping Cough	42	14	21	14	30	20	27	30	27	29	254	19	..	..	19
Croup	4	6	4	5	5	4	4	1	8	4	45	6	..	..	6
Thrush	8	8	16	8	5	4	7	2	7	1	66	5	..	..	5
Diarrhœa	25	27	59	28	33	79	95	46	238	56	686	67	13	17	97
Dysentery	3	9	28	3	4	2	16	19	23	5	112	4	3	2	9
Cholera	4	4	11	3	1	2	6	7	839	2	879	5	2	..	7
Influenza	..	1	1	..	1	1	1	..	1	1	7	..	..	..	..
Purpura and Scurvy	..	..	..	..	1	2	1	2	3	..	9	..	..	..	..
Ague	1	..	..	1	2	..	1	..	1	1	7	..	..	..	..
Remittent Fever	2	..	1	2	1	3	1	..	2	1	13	1	..	..	1
Infantile Fever	*	*	*	*	*	*	*	..	..	1	1	4	..	..	4
Typhus	31	24	33	33	29	34	111	58	73	38	464	24	38	5	67
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	3	2	2	7	..	4	..	4
Rheumatic Fever	*	*	*	*	*	*	*	3	..	1	4	..	2	..	2
Erysipelas	2	4	3	11	2	12	11	13	1	6	65	1	3	1	5
Syphilis	..	2	..	..	4	5	2	1	1	1	16	1	1	..	2
Noma (or Canker)	*	*	*	*	2	1	1	..	..	..	4	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	3	..	4	..	1	6	5	5	3	3	30	..	1	2	3
Dropsy	35	32	27	34	14	17	24	13	15	18	229	2	8	7	17
Abscess	6	5	..	5	2	2	3	1	1	..	25	..	..	2	2
Ulcer	..	..	..	..	..	2	2	1	..	..	5	..	..	..	..
Fistula	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mortification	6	7	2	3	2	2	4	3	2	2	33	..	..	2	2
Cancer	11	8	17	15	12	22	13	19	10	17	144	..	16	10	26
Gout	..	1	..	1	1	..	..	3	1	..	7	..	1	..	1
3.—Scrofula	2	1	3	6	4	5	5	7	1	4	38	4	8	..	12
Tabes Mesenterica	5	8	12	12	12	23	22	19	29	16	158	25	..	1	26
Phthisis (or Consumption)	136	124	129	124	92	132	127	102	106	112	1184	9	128	7	144
Hydrocephalus	41	36	39	27	23	23	33	29	27	30	308	31	..	..	31

* See Note, page 302.

† The age of a person who died of Scarlatina was not stated.

in the THIRTY-EIGHTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851			
	57°·6	52°·1	62°·3	57°·4	55°·8	60°·4	54°·7	56°·7	55°·7	58°·4	Mean 57°·1	57°·3—Sept. 20.			
	Sept. 25 1841	Sept. 24 1842	Sept. 23 1843	Sept. 21 1844	Sept. 20 1845	Sept. 19 1846	Sept. 18 1847	Sept. 23 1848	Sept. 22 1849	Sept. 21 1850	Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	14	10	13	9	9	7	14	4	17	8	105	5	3	..	8
Apoplexy	12	10	13	13	16	25	24	29	30	28	200	5	12	9	26
Paralysis	6	11	20	19	13	22	13	16	16	15	151	1	10	13	24
Delirium Tremens	3	2	4	..	3	5	7	3	1	3	31	..	1	..	1
Chorea	..	..	..	..	..	1	1	..	..	..	2	1	..	..	1
Epilepsy	2	2	1	3	11	6	6	3	7	5	46	..	6	3	9
Tetanus	1	..	..	..	..	..	..	..	1	..	2	..	..	..	..
Insanity	..	..	2	1	2	..	7	2	1	2	17	..	..	3	3
Convulsions	71	47	54	51	38	27	38	27	43	34	430	41	..	..	41
Disease of Brain, &c.	9	6	10	8	9	8	11	18	16	23	118	5	8	4	17
5.—Pericarditis	1	..	2	1	..	7	1	2	1	1	16	2	..	..	2
Aneurism	..	..	..	3	3	..	1	1	4	1	13	..	1	..	1
Disease of Heart, &c.	17	10	12	19	21	22	27	33	29	26	216	3	17	14	34
6.—Laryngitis	..	1	..	1	2	4	5	3	4	4	24	2	1	1	4
Bronchitis	8	6	6	10	22	16	31	28	33	30	190	12	13	23	48
Pleurisy	2	..	..	..	3	4	1	2	4	5	21	..	4	..	4
Pneumonia	62	53	42	37	27	30	36	39	48	37	411	36	9	2	47
Asthma	12	7	6	6	7	16	11	1	3	10	79	..	4	4	8
Disease of Lungs, &c.	13	14	7	12	3	8	8	5	5	2	77	2	7	2	11
7.—Teething	17	21	28	23	16	5	15	6	6	4	141	11	..	..	11
Quinsey	..	1	1	..	..	1	..	1	..	..	4	1	..	..	1
Gastritis, Enteritis	22	14	37	1 / 17	2 / 16	1 / 14	3 / 16	1 / 5	3 / 4	1 / 8	165	.. / 4	.. / 4	1 / 1	1 / 9
Peritonitis	..	..	1	..	3	2	6	7	6	3	28	..	2	..	2
Ascites	..	..	1	..	4	2	1	7	3	1	19	..	2	5	7
Ulceration (of Intestines)	1	1	5	..	1	3	5	1	1	3	21	..	1	..	1
Hernia	3	3	1	2	2	1	1	2	..	1	16	..	1	..	1
Ileus	1	2	6	2	3	2	4	6	1	2	29	..	1	..	1
Intussusception	1	1	2	..	..	2	..	2	..	..	8	..	..	1	1
Stricture of Intestinal Canal	..	1	..	..	1	..	..	..	..	..	2	..	..	..	..
Disease of Stomach, &c.	2	2	9	5	4	5	4	8	9	5	53	2	2	2	6
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	2	1	1	2	7	5	8	5	4	5	40	..	1	..	1
Jaundice	5	2	6	2	1	5	7	4	1	4	37	2	..	1	3
Disease of Liver	10	12	9	8	13	8	12	9	14	7	102	..	2	7	9
Disease of Spleen	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
8.—Nephritis	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	4	..	4	8	..	2	..	2
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diabetes	..	..	..	..	1	1	..	..	..	1	3	..	..	..	..
Stone	..	..	..	1	3	..	..	..	..	..	4	..	..	..	..
Cystitis	..	..	1	..	2	1	1	..	2	..	7	..	..	1	1
Stricture of Urethra	1	..	1	2	2	1	1	2	1	2	13	..	..	1	1
Disease of Kidneys, &c.	4	4	2	5	2	10	10	6	8	4	55	..	4	2	6
9.—Paramenia	..	..	1	..	..	..	..	..	..	1	2	..	..	..	..
Ovarian Dropsy	..	..	..	..	1	3	..	2	..	1	7	..	2	1	3
Childbirth (*see* Metria)	2	7	7	9	9	4	12	2	9	3	64	..	9	..	9
Disease of Uterus, &c.	3	..	..	1	5	2	2	1	2	3	19	..	2	2	4
10.—Arthritis	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Rheumatism	2	7	5	3	3	6	4	4	4	4	42	..	2	2	4
Disease of Joints, &c.	2	4	4	2	3	6	8	1	4	3	37	1	3	..	4
11.—Carbuncle	..	..	..	1	..	..	..	..	..	1	2	..	2	1	3
Phlegmon	..	..	..	..	..	..	..	3	..	1	4	..	..	..	..
Disease of Skin, &c.	..	1	..	..	1	..	1	..	1	1	5	..	..	..	..
17.—Intemperance	1	..	1	1	3	4	3	1	1	1	16	..	..	..	..
Privation of Food	1	1	..	..	1	..	..	..	1	..	4	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	2	1	5	8	4	..	..	4
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	..	..	1	1	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	2	..	..	2	2	..	..	2
Hanging and Suffocation	*	*	*	*	*	*	*	1	1	5	7	2	1	..	3
Drowning	*	*	*	*	*	*	*	5	4	11	20	6	3	..	9
Fractures	*	*	*	*	*	*	*	10	3	11	24	3	6	2	11
Wounds	*	*	*	*	*	*	*	2	1	2	5	..	1	..	1
Other Violence	*	*	*	*	*	*	*	2	..	..	2	..	3	..	3
All Violence	29	19	30	6	27	37	46	22	9	30	255	13	14	2	29
Causes not specified	4	5	5	5	2	2	2	2	16	5	48	2	..	..	2

* See Note, page 302.

Deaths Registered in the Thirty-eighth Week of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION† in		Mean Temperature for the Week ending Saturday,											
			57·6	52·1	62·3	57·4	55·8	60·4	54·7	56·7	55·7	58·4	Mean 57°·1	57·3
			Sept. 25	Sept. 24	Sept. 23	Sept. 21	Sept. 20	Sept. 19	Sept. 18	Sept. 23	Sept. 22	Sept. 21	Sum of 10 Weeks.	Sept. 20
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948369	2361640	857	766	983	857	774	863	1169	1038	1981	858	10146	1097
1–6. West Districts .	301189	376332	112	118	135	128	99	120	149	130	215	119	1325	163
7–11. North Districts .	376568	490441	136	139	159	164	138	149	208	170	277	167	1707	206
12–19. Central Districts	374199	392986	204	158	199	152	165	136	211	198	271	132	1826	178
20–25. East Districts .	393067	485336	224	174	221	183	194	182	290	259	449	213	2389	234
26–36. South Districts .	503346	616545	181	177	269	230	178	276	311	281	769	227	2899	316
1. Kensington . . . HL	74898	119990	32	29	30	28	25	31	41	30	51	25	322	48
2. Chelsea . . . . *W*H	40243	56543	15	17	29	18	19	19	20	27	40	31	235	29
3. St. George Hanover-sq. H	66657	73207	18	21	26	26	17	20	17	20	22	21	208	22
4. Westminster. . HHPP	56802	65609	24	28	32	29	17	26	43	34	71	27	331	42
5. St. Martin-in-the-Flds. H	25132	24557	12	8	6	11	15	4	18	8	16	7	105	14
6. St. James Westminster .	37457	36426	11	15	12	16	6	20	10	11	15	8	124	8
7. Marylebone . . . H	138383	157679	52	54	61	56	53	64	70	71	92	70	643	59
8. Hampstead . . . . }	140078	11986	*	*	*	*	*	*	2	1	3	3	9	3
9. Pancras . . . *W*HH }		167198	48	57	58	78	51	56	100	58	94	57	657	78
10. Islington . . . HHP	55779	95154	21	14	24	20	19	21	16	25	59	26	245	49
11. Hackney . . . . H	42328	58424	15	14	16	10	15	8	20	15	29	11	153	17
12. St. Giles	54378	54062	26	16	22	13	26	18	35	19	27	12	214	38
13. Strand (wkh. in 9) . H	43667	44446	21	16	28	12	19	12	19	27	27	15	196	18
14. Holborn	44532	46571	25	23	24	23	20	20	28	34	21	13	231	13
15. Clerkenwell . . PP	56799	64705	26	15	25	29	29	24	21	18	32	27	246	26
16. St. Luke (wkh. in 20) L	49908	54058	34	24	25	25	14	20	32	37	39	15	265	20
17. East London . . . P	39718	44407	15	19	29	17	22	14	19	20	44	19	218	24
18. West London *W*HPPP	29188	28829	33	24	23	17	24	14	36	20	49	13	253	19
19. City of Lon. (wkh. in 25)	56009	55908	24	21	23	16	11	14	21	23	32	18	203	20
20. Shoreditch . . *W*L	83564	109209	72	33	54	35	37	32	50	58	120	49	540	53
21. Bethnal Green . . L	74206	90170	33	28	37	41	40	36	62	52	94	40	463	39
22. Whitechapel . . . H	71879	79756	46	48	56	36	32	33	73	46	80	33	483	45
23. St. George-in-the-East .	41416	48375	18	17	22	15	28	19	39	31	39	24	252	21
24. Stepney . . . . H	90831	110669	38	30	43	48	35	43	49	52	72	44	454	54
25. Poplar. . . . *W*L	31171	47157	17	18	9	8	22	19	17	20	44	23	197	22
26. St. Saviour . . HH	33027	35729	11	11	22	15	16	19	22	19	63	15	213	33
27. St. Olave . . . HH	19869	19367	25	12	32	27	15	28	25	21	25	26	236	18
28. Bermondsey	35002	48128	11	8	17	19	27	13	27	24	65	23	234	24
29. St. Geo. Southwk. LPP	46718	51825	18	20	23	25	16	21	36	27	83	11	280	36
30. Newington . . . P	54693	64805	18	20	27	25	15	26	34	20	106	29	320	32
31. Lambeth	116072	139240	47	55	61	49	39	52	60	56	190	54	663	73
32. Wandsworth . . . L	39918	50770	*	*	*	15	11	15	15	21	31	16	124	14
33. Camberwell . . . LL	39931	54668	9	13	19	12	16	24	15	25	41	14	188	24
34. Rotherhithe	13940	17778	6	6	8	6	4	5	8	4	27	6	80	4
35. Greenwich . HHHP	81125	99404	36	32	60	37	19	73	53	51	117	21	499	46
36. Lewisham. . . . *W*	23051	34831	*	*	*	*	*	*	16	13	21	12	62	12

† Seamen and others on board vessels in the docks and river are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

Note.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 10146; which divided by 10 gives 1015 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 1015 divided by 10 is about 102, which added to 1015, makes the corrected average 1117. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 131 in 10 weeks; the average was 13; the corrected average 14. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831–41; 1·998 *per cent.* annually in the ten years, 1841–51; and 1·778 *per cent.* annually in the fifty years, 1801–51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5\cdot5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	3	3
2 Chelsea [North West]	.	1	1
2 *St. George Hanover Square* [*Chelsea N.W.*]	.	.	.
3 St. George Hanover Square [May Fair]	1	2	3
4 Westminster [St. Margaret]	1	1	2
5 St. Martin-in-the-Fields [Charing Cross]	.	.	.
6 St. James Westminster [Golden Square]	2	.	2
7 Marylebone [Rectory]	4	5	9
9 *Strand* [*Tottenham Court*]	2	2	4
9 Pancras [Camden Town]	3	4	7
10 Islington [West]	3	1	4
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	8	4	12
14 Holborn [St. Andrew East]	3	.	3
15 Clerkenwell [St. James]	1	2	3
17 East London [St. Botolph]	.	6	6
18 *East London* [*West London North*]	.	.	.
18 West London [North]	2	1	3
20 Shoreditch [Haggerstone West]	1	1	2
20 *St. Luke* [*Hoxton New Town*]	1	1	2
21 Bethnal Green [The Green]	5	3	8
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	1	5	6
23 St. George-in-the-East [St. John]	1	1	2
24 Stepney [Shadwell]	.	2	2
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	1	.	1
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City* [*Bow*]	1	.	1
25 Poplar [Poplar]	2	2	4
26 St. Saviour [Christchurch]	1	2	3
27 St. Olave [St. John Horselydown]	.	1	1
28 Bermondsey [St. Mary Magdalen]	1	1	2
29 St. George Southwark [Borough Road]	2	7	9
30 Newington [St. Peter Walworth]	1	.	1
31 Lambeth [Lambeth Church 2d]	8	2	10
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	.	1	1
33 Camberwell [Camberwell]	.	1	1
34 Rotherhithe	.	.	.
35 Greenwich [East]	4	1	5
36 Lewisham [Village]	1	.	1
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	61	63	124
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	4	.	4
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	1	.	1
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	5	.	5
General Hospitals:—			
3 St. George [Belgrave]	.	1	1
4 Westminster [St. Margaret]	3	.	3
5 Charing Cross [Charing Cross]	.	1	1
7 Middlesex [All Souls]	.	.	.
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's Inn Lane]	3	.	3
13 King's College [St. Clement Danes]	2	1	3
18 St. Bartholomew [West London North]	7	1	8
22 London [Whitechapel Church]	2	.	2
27 Guy's [St. Olave and St. Saviour]	5	3	8
27 St. Thomas [St. Olave & St. Saviour]	2	1	3
Total	24	8	32
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	2	1	3
10 Fever [Islington West]	3	1	4
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	2	3
Total	6	4	10

	M.	F.	T.
HOSPITALS—*continued.*			
Lying-in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northum. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	1	2	3
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	2	2	4
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	1	1
Total	3	5	8
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	3	.	3
Total	3	.	3
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	4	.	4
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	4	.	4
Workhouses	61	63	124
Military and Naval Asylums	5	.	5
General Hospitals	24	8	32
Hospitals for Special Diseases	6	4	10
Lying-in Hospitals	.	.	.
Lunatic Asylums	3	5	8
Military and Naval Hospitals	3	.	3
Hospitals and Asylums for Foreigners	.	.	.
Prisons	4	.	4
Total in Public Institutions	106	80	186

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 20th September 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day, and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
SEPTEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	14	..	30·299	72·4	39·1	56·2	46·3	..	34·8	61·8	59·2	9·9	13·3	2·8	—1·9	Calm	Calm	0·0	0·0	0·0	20	0·00
MONDAY .	15	..	30·416	69·4	45·8	57·2	49·2	..	47·5	61·5	59·2	8·0	13·5	3·0	—0·8	Calm	E.N.E.	0·0	0·0	0·0	55	0·00
TUESDAY .	16	..	30·416	70·2	45·5	58·2	46·8	..	37·0	61·5	59·0	11·4	15·8	3·9	+0·4	Calm & N.E.	N.E.	0·0	0·0	0·0	75	0·00
WEDNESDAY	17	..	30·251	69·3	50·9	58·4	47·6	..	51·0	61·4	59·0	10·8	15·0	6·9	+1·0	N.E.	N.E.	2·5	0·0	0·3	95	0·00
THURSDAY .	18	Last Quarter.	30·083	68·9	48·4	57·0	47·7	..	40·0	60·8	58·8	9·3	16·2	4·2	—0·1	N.E.	N.N.E.	3·5	0·0	0·6	145	0·00
FRIDAY .	19	Greatest Dec. N.	29·920	67·2	49·3	57·9	48·2	..	41·8	60·5	58·5	9·7	14·4	1·2	+1·2	N.N.E.	N.N.E.	0·0	0·0	0·0	70	0·00
SATURDAY .	20	..	29·947	69·3	50·5	56·2	50·1	..	46·0	60·2	58·5	6·1	14·0	4·0	—0·1	N.N.E.	N.E.	0·0	0·0	0·0	70	0·00
MEANS . .		..	30·190	69·5	47·1	57·3	48·0	..	42·6	61·1	58·9	9·3	14·6	3·7	0·0	N.E.		..	..	..	Sum 530	Sum 0·00
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	Nothing was shown throughout the week.
MONDAY . .	
TUESDAY .	
WEDNESDAY	
THURSDAY .	
FRIDAY . .	
SATURDAY .	

GENERAL REMARKS.

The sky was generally clear throughout the day.

The sky was overcast till noon; three fourths were covered until 6h. P.M., and clear afterwards; cirrocumuli, cirrostrati, and scud.

The sky, with slight exceptions, was covered with cloud throughout the day; cumulostratus and cirrostratus.

The sky was generally covered with cloud till near noon, and the amount of cloud was variable during the remainder of the day; cirrocumuli, cirrostrati, and fleecy clouds. Misty rain fell during the morning.

Three fourths of the sky were covered during the morning and afternoon, and clear at night; cumuli, cirrocumuli, and cirrostrati.

Three fourths of the sky were covered throughout the day; cumulostrati and cirrostrati. A few drops of rain fell during the afternoon.

The sky was for the most part covered with cloud until 7h. P.M., and clear afterwards; cirrostratus. A slight shower of rain fell at 3h. P.M.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R.S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans.*, *Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 58·3°; and the mean reading at 9h. P.M. was 55·3°; the mean readings at the Royal Observatory for the same times were 59·1° and 53·2° respectively.

The reading of the barometer increased from 30·22 in. at the beginning of the week to 30·47 in. by 9h. A.M. on the 16th; decreased to 29·90 in. by 3h. P.M. on the 19th, and increased to 29·95 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, September 27. [No. 39.

HEALTH OF LONDON DURING THE WEEK.

The health of London is much better than it was in the two previous weeks, when the deaths of 1026 and 1097 persons were registered. The deaths of 958 persons were recorded in the week ending Saturday, September 27th; 473 were males, and 485 were females; 190 were of the age of 60 and upwards, 460 were children under the age of 15, and 308 were men and women in the middle period of life. The decrease in the mortality is general over the five divisions of London. 141 persons died in the public institutions; 69 in workhouses, 8 in military and naval asylums, 58 in hospitals, 3 in lunatic asylums, 2 in military and naval hospitals, and 1 in prison. Small-pox and typhus have declined, but they were the causes of 13 and 46 deaths. Of the small-pox victims 11 had not been vaccinated; 2, it is stated, had been vaccinated. 39 children and 2 adults died of scarlatina, which is prevailing in many districts. 7 persons died of erysipelas, 8 women in childbirth and of metria the following fever. Consumption was fatal to 123 persons; 100 of the 308 deaths at the age between 15 and 60 were referred to this constant cause which bereaves so many parents of their children, so many children of their parents. Violence, typhus, heart disease, bronchitis, and cancer are the diseases next in the order of fatality at the same period of life. Diarrhœa is declining; the deaths in the 5 last weeks were 174, 192, 101, 97, and 91 in number. The deaths from cholera in the same weeks were 28, 17, 17, 7, 9. Half of the cases were of more than three days duration. It has been mentioned before, that half the fatal cases of the epidemic cholera terminate in 24 hours after the first striking symptoms have appeared. Another singular difference is shown in the annexed table. The population of London on the north side of the Thames in 1851 was 1,745,095, on the south side of the Thames 616,545; numbers nearly in the proportion of 3 to 1. Yet the number of deaths from cholera in the year 1849 on both sides of the river was nearly equal, 7000 and 7137. In the recent Summer cholera the deaths have been distributed more equally, and in the proportion of the population.

Deaths from Cholera in

	Districts North of the Thames.	Districts South of the Thames.
Week ending August 2d 1851	12	..
— 9th „	16	..
— 16th „	19	9
— 23d „	15	5
— 30th „	23	5
September 6th „	12	5
— 13th „	9	8
— 20th „	5	2
— 27th „	6	3
	117	37
The epidemic year 1849	7000	7137
Population in 1851	1,745,095	616,545

The following are the particulars of nine cases of cholera which were registered, and certified by the medical attendants of the deceased during the week. The cause of death is stated in the words of the medical certificate :—

In Kensington, at Southend, on 22d September, the daughter of a carpenter, aged 1 year, "cholera infantum (5 days), hydrocephaloid disease (5 days)."

In St. George Hanover-square, Belgrave sub-district, at Upper Belgrave-place, on 20th September, the daughter of a builder, aged 15 years, "cholera (14 hours)."

In Marylebone, Christchurch sub-district, at 10 United-buildings, Lisson-grove, on 21st September, the daughter of a labourer, aged 9 months, "cholera infantum (12 hours)."

In Islington, at 20 Ruffords-buildings, on 24th September, the daughter of a baker, aged 11 months, "cholera infantum and dentition (6 weeks)."

In Clerkenwell, St. James sub-district, at 8 Brunswick-street, on 16th September, a messenger, aged 71 years, "cholera morbus, and consecutive fever (8 days), preliminary diarrhœa (13 days)."

In Bethnal-green, at Trinity-ground, on 18th September, a master mariner, aged 75 years, "low fever consequent on English cholera."

In St. Olave Southwark, at 7 New-street, on 24th September, the wife of an oil cooper, aged 61 years, "choleraic diarrhœa (7 days)."

In Lambeth, at 10 Thomas-street, Kennington, on 21st September, the son of a whip-mounter, aged 5 months, "cholera infantum ($2\frac{1}{2}$ days)."

In Greenwich, at Greenwich-hospital, on 22d September, a pensioner, aged 71 years, "alleged cholera (time uncertain), fever (3 days)."

The births of 732 boys and 752 girls, in all 1484 children, were registered in the week. The average of six corresponding weeks in 1845–50 was 1340.

At the Royal Observatory, Greenwich, the mean reading of the barometer for the week was 29·772 in. The mean temperature of the week was 54·8°, which is very near the average for the week and the season. The highest temperature in the week was 71·7° on Tuesday, and the lowest 42·9° on Friday. The direction of the wind was variable; from the north on the first two days, calm on Tuesday, Wednesday, and part of Thursday, and from the west and south-west to the end of the week.

The following cases are taken from the Registrars' Reports :—

In Fulham, at 16 Star-lane, on 24th September, the daughter of a night watchman, aged 18 years, "childbirth labour (28 hours), died one hour after delivery, supposed in a fit (no medical attendant);" had previously applied for admission into the workhouse, and had been refused.

In the same sub-district, at 3 Nell Gwynne Cottages, on 21st September, the daughter of a journeyman smith, aged 12 months, "small-pox (9 days)." Mr. Knight observes that "another child of the same family is since dead from the same disease."

In Somers-town, at 2 Charles-place, three children of the same family died of scarlatina; (viz.) on the 21st September the daughter of a farrier, aged 11 years, "scarlatina (3 days);" on the same day sister to the above, aged 2 years, "scarlatina (3 days);" and on the 27th a brother to the above, aged 16 years, "scarlatina (2 days)."

The wife of a coach-painter gave birth to twin daughters, born at 6 months. Mr. Popham, the medical attendant, adds that "the children were united along the chest and neck; that there were two heads, two arms, and four legs, and that they lived a quarter of an hour."

In Shoreditch, St. Leonard sub-district, at Old-street-road, on 19th September, a domestic servant, aged 30 years, "natural death, sudden in the street, accelerated by want of proper nourishment and care." *Inquest.*

In Bethnal-green, at 6 Satchwell-rents, on 21st September, a weaver, aged 29 years, "debility, accelerated by an extraordinary susceptibility to the action of opium administered in ordinary doses." *Inquest.* An out-patient at the London Hospital.

Births Registered last Week, and in the Thirty-ninth Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
Total . . .	1274	1280	1260	1227	1526	1473	1340	1484
Males . . .	670	650	635	630	787	750	687	732
Females . .	604	630	625	597	739	723	653	752

Deaths Registered last Week, and in the Thirty-ninth Week of Ten previous Years.

	Ages.	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
Total . .		883	924	1043	932	858	808	1052	1257	1611	981	1034·9	958
Males . .		440	452	544	488	453	406	498	669	825	525	530·0	473
Females .		443	472	499	444	405	402	554	588	786	456	504·9	485
Deaths at three periods of life . .	0—15	451	457	602	468	437	361	517	600	675	422	499·0	460
	15—60	282	299	281	308	277	275	344	452	627	347	349·2	308
	60 & up.	146	168	159	155	143	172	191	203	308	210	185·5	190

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

Births and Deaths Registered in London in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	July 5.	July 12.	July 19.	July 26.	Aug. 2.	Aug. 9.	Aug. 16.	Aug. 23.	Aug. 30.	Sept. 6.	Sept. 13.	Sept. 20.	Sept. 27.
Births	1530	1346	1407	1383	1451	1477	1500	1455	1401	1500	1429	1527	1484
Deaths	1003	881	873	956	1010	1038	1061	956	1061	967	1026	1097	958
Deaths (except from Violence) . . .	950	869	853	936	992	1025	1037	944	1034	945	967	1068	907
Deaths (except from Violence) at 60 years and upwards . .	193	156	170	168	192	180	177	183	173	140	191	204	179
Scarlatina	22	13	6	18	14	25	17	18	20	29	27	41	41
Typhus	46	28	32	59	53	50	53	41	54	41	57	67	46
Diarrhœa & Dysentery	27	53	67	85	146	146	162	148	181	200	108	106	94
Cholera	5	9	8	12	12	16	28	19	28	17	17	7	9
Mean Temperature .	62°·9	59°·6	58°·1	60°·0	63°·4	64°·1	64°·6	63°·8	56°·4	60°·5	57°·1	57°·3	54°·8

Note on the Classification of Diseases.—In the Weekly Abstracts, *metria* was included under the head of "childbirth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect*, and *cold*, under "atrophy," or "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification" till 1845. It will be observed that the sums opposite the above heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 54°·8—Sept. 27.			
	56°·5 Oct. 2 1841	51°·9 Oct. 1 1842	50°·5 Sept. 30 1843	51°·9 Sept. 28 1844	51°·0 Sept. 27 1845	58°·8 Sept. 26 1846	55°·0 Sept. 25 1847	56°·7 Sept. 30 1848	58°·4 Sept. 29 1849	56°·7 Sept. 28 1850	Mean 54°·7 Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	883	924	1043	932	858	808	1052	1257	1611	981	10349	460	308	190	958
SPECIFIED CAUSES	872	910	1035	931	853	807	1047	1251	1607	977	10290	458	308	190	956
1. Zymotic Diseases	157	160	267	234	223	157	340	395	782	198	2913	205	39	23	267
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	63	55	45	47	36	31	37	54	46	47	461	6	22	15	43
3. Tubercular Diseases	171	211	211	177	173	187	166	151	167	176	1790	60	102	11	173
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	138	114	118	115	98	103	113	135	114	126	1174	48	30	32	110
5. Diseases of the Heart and Blood-vessels	14	24	31	20	34	29	30	43	48	44	317	5	17	9	31
6. Diseases of the Lungs, and of the other Organs of Respiration	99	98	82	94	84	86	96	120	128	99	986	27	22	28	77
7. Diseases of the Stomach, Liver, and other Organs of Digestion	85	75	107	57	60	56	74	62	58	61	695	21	27	12	60
8. Diseases of the Kidneys, &c.	4	4	4	8	5	12	10	8	7	18	80	..	5	..	5
9. Childbirth, Diseases of the Uterus, &c.	7	9	9	9	14	11	19	8	11	6	103	..	9	..	9
10. Rheumatism, Diseases of the Bones, Joints, &c.	2	3	6	7	3	4	6	8	9	10	58	4	4	1	9
11. Diseases of the Skin, Cellular Tissue, &c.	..	..	..	1	2	1	1	1	..	2	8	2	..	..	2
12. Malformations	..	2	3	2	5	7	2	4	3	4	32	5	..	..	5
13. Premature Birth & Debility	16	17	25	23	21	21	26	21	26	20	216	32	..	..	32
14. Atrophy	9	17	21	13	16	25	34	18	36	26	215	19	2	1	22
15. Age	49	64	49	54	32	46	44	28	57	31	454	..	..	45	45
16. Sudden	26	21	16	26	10	9	12	49	39	29	237	3	3	2	8
17. Violence, Privation, Cold, and Intemperance	32	36	41	44	37	22	37	146	76	80	551	21	26	11	58
1.—Small-pox	8	10	6	37	4	4	27	30	8	8	142	11	2	..	13
Measles	24	25	30	15	65	5	35	15	13	13	240	17	..	..	17
Scarlatina	19	31	54	85	21	17	46	154	30	15	472	39	2	..	41
Hooping Cough	43	15	28	11	36	21	17	26	20	28	245	22	1	..	23
Croup	5	7	5	6	6	6	5	4	4	3	51	1	..	..	1
Thrush	9	5	13	8	3	3	4	1	4	3	53	4	..	..	4
Diarrhœa	26	13	67	23	47	52	89	44	163	57	581	73	6	12	91
Dysentery	2	10	22	1	4	3	12	12	13	3	82	2	1	..	3
Cholera	1	2	6	1	1	7	6	4	434	4	466	4	1	4	9
Influenza	..	..	..	..	2	..	..	2	1	2	7	..	..	2	2
Purpura and Scurvy	..	2	..	2	1	..	1	1	1	..	8	..	..	..	..
Ague	..	..	1	..	..	..	..	..	..	2	3	..	..	..	..
Remittent Fever	..	2	..	..	..	1	5	1	3	..	12	1	1	..	2
Infantile Fever	*	*	*	*	*	*	*	2	..	1	3	3	..	..	3
Typhus	17	36	29	34	27	34	77	69	72	43	438	23	22	1	46
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	9	3	7	19	..	1	..	1
Rheumatic Fever	*	*	*	*	*	*	*	1	..	1	2	..	..	1	1
Erysipelas	3	2	5	11	3	3	14	12	9	5	67	3	2	2	7
Syphilis	..	..	1	..	3	1	2	8	4	3	22	2	..	1	3
Noma (or Canker)	*	*	*	*	..	..	..	..	..	..	..	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	5	5	4	2	4	3	3	8	3	5	42	1	1	1	3
Dropsy	40	32	26	29	14	12	15	22	16	11	217	1	5	3	9
Abscess	1	3	2	..	1	1	5	1	1	1	16	..	..	..	..
Ulcer	..	2	1	..	..	1	..	..	..	5	9	1	1	..	2
Fistula	..	1	..	..	..	..	..	..	..	..	1	..	..	2	2
Mortification	2	3	3	5	..	1	4	5	3	7	33	1	2	2	5
Cancer	14	8	9	10	17	13	10	18	22	18	139	2	13	7	22
Gout	1	1	..	1	..	..	..	..	1	..	4	..	..	..	..
3.—Scrofula	1	3	2	3	4	8	4	10	15	10	60	7	2	1	10
Tabes Mesenterica	5	4	12	15	20	22	19	16	24	20	157	16	..	..	16
Phthisis (or Consumption)	133	166	144	138	117	131	108	100	99	113	1249	13	100	10	123
Hydrocephalus	32	38	53	21	32	26	35	25	29	33	324	24	..	..	24

* See Note, page 310.

in the THIRTY-NINTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 54°·8—Sept. 27.			
	56°·5 Oct. 2 1841	51°·9 Oct. 1 1842	50°·5 Sept. 30 1843	51°·9 Sept. 28 1844	51°·0 Sept. 27 1845	58°·8 Sept. 26 1846	55°·0 Sept. 25 1847	56°·7 Sept. 30 1848	58°·4 Sept. 29 1849	56°·7 Sept. 28 1850	Mean 54°·7 Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	13	14	14	21	13	15	7	11	6	17	131	5	2	..	7
Apoplexy	18	14	18	17	20	13	24	35	28	27	214	5	10	11	26
Paralysis	13	15	10	11	12	22	15	19	19	17	153	..	6	14	20
Delirium Tremens	2	3	3	3	4	1	..	2	2	5	25	..	5	..	5
Chorea	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
Epilepsy	4	2	4	5	6	6	5	7	7	7	53	2	4	4	10
Tetanus	1	..	..	3	..	1	..	..	2	..	7	..	..	..	..
Insanity	2	..	2	3	1	1	4	1	1	2	17	..	1	1	2
Convulsions	73	48	55	43	31	38	44	46	40	37	455	35	..	..	35
Disease of Brain, &c.	12	17	12	9	11	6	14	14	9	14	118	1	2	2	5
5.—Pericarditis	..	..	3	3	1	..	2	2	2	2	15	1	2	..	3
Aneurism	1	2	1	..	2	1	1	3	2	..	13	..	1	..	1
Disease of Heart, &c.	13	22	27	17	31	28	27	38	44	42	289	4	14	9	27
6.—Laryngitis	1	..	..	1	1	1	5	2	3	2	16	2	..	..	2
Bronchitis	12	4	6	9	21	27	36	39	44	36	234	9	11	20	40
Pleurisy	2	1	2	..	3	4	3	3	3	4	25	1	1	..	2
Pneumonia	67	75	50	59	44	36	39	51	68	36	525	14	8	3	25
Asthma	10	7	12	6	6	10	10	6	4	13	84	..	..	5	5
Disease of Lungs, &c.	7	11	12	19	9	8	3	19	6	8	102	1	2	..	3
7.—Teething	34	26	35	13	5	8	17	7	8	8	161	8	..	..	8
Quinsey	..	..	2	1	1	..	1	..	1	2	8	1	..	..	1
Gastritis	29	30	28	2	1	2	6	5	1	3	180	1	2	1	4
Enteritis				15	8	15	13	11	8	3		4	6	2	12
Peritonitis	1	1	2	1	1	2	4	5	4	6	27	3	4	..	7
Ascites	1	1	1	2	1	..	2	2	3	5	18	..	2	..	2
Ulceration (of Intestines)	1	2	4	2	5	3	3	2	3	3	28	..	..	..	..
Hernia	2	3	1	1	2	..	3	2	3	1	18	1	1	3	5
Ileus	5	..	3	2	2	2	3	4	3	6	30	..	2	..	2
Intussusception	1	..	2	..	2	..	1	1	1	..	8	1	..	..	1
Stricture of Intestinal Canal	..	..	1	..	1	..	..	..	1	2	5	..	1	..	1
Disease of Stomach, &c.	3	3	13	7	9	8	4	7	2	4	60	2	..	..	2
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	1	1	2	4	3	6	4	5	4	31	..	2	1	3
Jaundice	3	1	1	1	3	4	2	..	3	4	22	..	1	3	4
Disease of Liver	4	7	12	8	15	9	9	12	12	10	98	..	6	2	8
Disease of Spleen	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
8.—Nephritis	..	..	..	..	..	1	..	..	..	..	1	..	1	..	1
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	2	..	3	5	..	2	..	2
Ischuria	..	1	..	..	..	..	1	..	..	..	2	..	..	..	..
Diabetes	1	..	..	..	..	1	1	..	..	3	6	..	..	..	..
Stone	..	..	1	..	1	1	..	..	2	..	5	..	..	..	..
Cystitis	..	..	..	1	..	..	3	..	..	..	4	..	..	..	..
Stricture of Urethra	..	..	1	1	..	2	..	1	1	2	8	..	..	..	..
Disease of Kidneys, &c.	3	3	2	6	4	7	5	5	4	10	49	..	2	..	2
9.—Paramenia	..	..	..	..	2	..	..	..	1	..	3	..	..	..	..
Ovarian Dropsy	1	..	1	..	..	1	..	3	..	1	7	..	1	..	1
Childbirth (*see* Metria)	2	5	6	7	8	7	11	1	4	4	55	..	7	..	7
Disease of Uterus, &c.	4	4	2	2	4	3	8	4	6	1	38	..	1	..	1
10.—Arthritis	..	..	1	1	..	..	..	..	1	..	3	1	..	..	1
Rheumatism	2	1	1	4	1	1	5	6	5	5	31	..	3	1	4
Disease of Joints, &c.	..	2	4	2	2	3	1	2	3	5	24	3	1	..	4
11.—Carbuncle	..	..	..	..	..	..	..	1	..	1	2	..	..	..	..
Phlegmon	..	..	..	..	1	..	..	..	..	1	2	2	..	..	2
Disease of Skin, &c.	..	..	..	1	1	1	1	..	..	..	4	..	..	..	..
17.—Intemperance	..	2	1	..	..	6	5	4	4	3	25	..	2	..	2
Privation of Food	..	..	..	..	..	..	2	1	2	1	6	..	1	..	1
Want of Breast-milk	*	*	*	*	*	*	*	..	3	5	8	4	..	..	4
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	5	7	7	19	..	1	..	1
Burns and Scalds	*	*	*	*	*	*	*	12	6	5	23	1	3	1	5
Hanging and Suffocation	*	*	*	*	*	*	*	10	11	13	34	4	2	..	6
Drowning	*	*	*	*	*	*	*	54	18	20	92	4	7	..	11
Fractures	*	*	*	*	*	*	*	48	20	18	86	7	8	10	25
Wounds	*	*	*	*	*	*	*	12	2	4	18	..	1	..	1
Other Violence	*	*	*	*	*	*	*	..	3	4	7	1	1	..	2
All Violence	32	34	40	44	37	16	30	141	67	71	512	17	23	11	51
Causes not specified	11	14	8	1	5	1	5	6	4	4	59	2	..	..	2

* See Note, page 310.

DEATHS Registered in the THIRTY-NINTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION† in		Mean Temperature for Week ending Saturday,											
			56°·5	51°·9	50°·5	51°·9	51°·0	58°·8	55°·0	56°·7	58°·4	56°·7	Mean 54°·7	54°·8
			Oct. 2	Oct. 1	Sept. 30	Sept. 28	Sept. 27	Sept. 26	Sept. 25	Sept. 30	Sept. 29	Sept. 28	Sum of 10 Weeks.	Sept. 27
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948369	2361640	883	924	1043	932	858	808	1052	1257	1611	981	10349	958
1-6. WEST DISTRICTS .	301189	376332	127	125	143	135	111	119	125	156	223	127	1391	133
7-11. NORTH DISTRICTS .	376568	490441	158	182	190	176	146	136	179	236	258	212	1873	189
12-19. CENTRAL DISTRICTS	374199	392986	165	182	184	181	153	150	225	194	260	170	1864	163
20-25. EAST DISTRICTS .	393067	485336	213	221	270	228	199	199	228	268	375	171	2372	190
26-36. SOUTH DISTRICTS .	503346	616545	220	214	256	212	249	204	295	403	495	301	2849	283
1. Kensington . . . HL	74898	119990	31	37	31	21	34	32	34	36	62	40	358	39
2. Chelsea . . . . *W*H	40243	56543	23	18	25	14	15	26	23	14	44	25	227	19
3. St. George Hanover-sq. H	66657	73207	25	17	37	36	19	20	14	43	32	19	262	21
4. Westminster . HHPP	56802	65609	27	31	25	32	22	17	29	41	55	24	303	36
5. St. Martin-in-the-Flds. H	25132	24557	6	9	16	19	10	11	14	13	15	9	122	7
6. St. James Westminster .	37457	36426	15	13	9	13	11	13	11	9	15	10	119	11
7. Marylebone . . . H	138383	157679	77	72	71	72	49	50	59	100	88	92	730	70
8. Hampstead . . . . }	140078	11986	*	*	*	*	*	*	7	3	5	8	23	2
9. Pancras . . . *W*HH }		167198	47	70	79	68	58	49	70	77	83	70	671	67
10. Islington . . . HHP	55779	95154	15	26	20	23	16	20	19	27	52	28	246	30
11. Hackney . . . . H	42328	58424	19	14	20	13	23	17	24	29	30	14	203	20
12. St. Giles	54378	54062	23	30	16	32	20	20	42	17	44	27	271	22
13. Strand (wkh. in 9) . H	43667	44446	13	14	29	21	22	12	21	24	13	15	184	22
14. Holborn	44532	46571	19	22	17	18	14	14	27	20	21	24	196	18
15. Clerkenwell . . PP	56799	64705	35	21	29	21	23	17	31	41	32	21	271	24
16. St. Luke (wkh. in 20) L	49908	54058	22	33	21	24	25	20	33	22	28	26	254	21
17. East London . . . P	39718	44407	13	20	25	26	18	29	19	19	26	18	213	19
18. West London *W*HPPP	29188	28829	17	15	30	18	18	21	28	22	60	23	252	22
19. City of Lon. (wkh. in 25)	56009	55908	23	27	17	21	13	17	24	29	36	16	223	15
20. Shoreditch . . *W*L	83564	109209	60	27	66	55	45	48	45	64	94	32	536	55
21. Bethnal Green . . L	74206	90170	44	56	36	44	27	26	54	40	80	19	426	27
22. Whitechapel . . . H	71879	79756	36	49	49	54	32	44	34	64	57	46	465	37
23. St. George in the East .	41416	48375	24	25	29	19	30	25	37	30	27	20	266	13
24. Stepney . . . . H	90831	110669	37	45	71	44	48	46	39	46	75	37	488	32
25. Poplar . . . *W*L	31171	47157	12	19	19	12	17	10	19	24	42	17	191	26
26. St. Saviour . . HH	33027	35729	15	9	17	10	9	12	22	31	42	16	183	18
27. St. Olave . . . HH	19869	19367	11	14	26	24	22	8	15	18	24	20	182	23
28. Bermondsey	35002	48128	14	17	17	16	22	18	43	25	39	24	235	31
29. St. Geo. Southwk. LPP	46718	51825	15	18	28	15	22	32	29	23	35	24	241	34
30. Newington . . . P	54693	64805	21	24	21	20	27	16	31	21	42	35	258	22
31. Lambeth	116072	139240	39	58	59	46	46	56	52	55	132	37	580	52
32. Wandsworth . . . L	39918	50770	*	*	*	13	22	12	17	21	19	18	122	16
33. Camberwell . . . LL	39931	54668	23	11	21	25	18	15	20	14	45	43	235	19
34. Rotherhithe	13940	17778	5	6	14	11	12	6	6	5	24	17	106	10
35. Greenwich . HHHP	81125	99404	77	57	53	32	49	29	50	159	86	49	641	45
36. Lewisham . . . *W*	23051	34831	*	*	*	*	*	*	10	31	7	18	66	13

† Seamen and others on board vessels in the docks and river are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841-50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 10349; which, divided by 10, gives 1035 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 1035 divided by 10 is about 104, which added to 1035, makes the corrected average 1139. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 142 in 10 weeks; the average was 14; the corrected average 15. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831-41; 1·998 *per cent.* annually in the ten years, 1841-51; and 1·778 *per cent.* annually in the fifty years, 1801-51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841-50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5{\cdot}5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	1	1
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	1	1	2
2 Chelsea [North West]	.	.	.
2 *St. George Hanover Square [Chelsea N.W.]*	.	.	.
3 St. George Hanover Square [May Fair]	1	.	1
4 Westminster [St. Margaret]	1	2	3
5 St. Martin-in-the-Fields [Charing Cross]	.	.	.
6 St. James Westminster [Golden Square]	1	.	1
7 Marylebone [Rectory]	4	4	8
9 *Strand [Tottenham Court]*	1	2	3
9 Pancras [Camden Town]	.	4	4
10 Islington [West]	.	.	.
11 Hackney [Hackney]	.	1	1
12 St. Giles [South]	4	.	4
14 Holborn [St. Andrew East]	1	1	2
15 Clerkenwell [St. James]	.	1	1
17 East London [St. Botolph]	.	2	2
18 *East London [West London North]*	1	.	1
18 West London [North]	.	.	.
20 Shoreditch [Haggerstone West]	.	.	.
20 *St. Luke [Hoxton New Town]*	2	1	3
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	1	1
22 Whitechapel [North]	1	1	2
23 St. George-in-the-East [St. John]	.	.	.
24 Stepney [Shadwell]	.	2	2
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	.	1	1
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	1	.	1
25 *London City [Bow]*	2	1	3
25 Poplar [Poplar]	1	1	2
26 St. Saviour [Christchurch]	.	.	.
27 St. Olave [St. John Horselydown]	1	1	2
28 Bermondsey [St. Mary Magdalen]	2	1	3
29 St. George Southwark [Borough Road]	2	2	4
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2d]	5	3	8
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	.	.	.
33 Camberwell [Camberwell]	.	.	.
34 Rotherhithe	.	.	.
35 Greenwich [East]	.	3	3
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	32	37	69
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	8	.	8
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	.	.	.
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	8	.	8
General Hospitals:—			
3 St. George [Belgrave]	.	2	2
4 Westminster [St. Margaret]	1	1	2
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	4	5	9
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	2	1	3
18 St. Bartholomew [West London North]	7	4	11
22 London [Whitechapel Church]	4	3	7
27 Guy's [St. Olave and St. Saviour]	10	3	13
27 St. Thomas [St. Olave and St. Saviour]	4	2	6
Total	32	21	53
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	.	.	.
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	2	1	3
Total	2	1	3

	M.	F.	T.
HOSPITALS — *continued.*			
Lying-in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	2	.	2
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	2	.	2
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	1	1
20 Miles' [St. Leonard]	.	1	1
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	.	.
33 Peckham House [Camberwell]	1	.	1
33 Camberwell House [Camberwell]	.	.	.
Total	1	2	3
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	2	.	2
Total	2	.	2
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	1	.	1
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	1	.	1
Workhouses	32	37	69
Military and Naval Asylums	8	.	8
General Hospitals	32	21	53
Hospitals for Special Diseases	2	1	3
Lying-in Hospitals	2	.	2
Lunatic Asylums	1	2	3
Military and Naval Hospitals	2	.	2
Hospitals and Asylums for Foreigners	.	.	.
Prisons	1	.	1
Total in Public Institutions	80	61	141

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 27th September 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
September.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday . .	21	..	29·889	65·0	47·2	55·2	49·3	..	37·8	59·6	57·5	5·9	9·3	..	—3·5	N.N.E.	N.	2·0	0·0	0·3	90	0·00
Monday. .	22	..	29·910	68·3	51·2	57·7	51·7	..	41·0	60·0	58·0	6·0	10·9	3·0	+2·1	N.	N.	0·0	0·0	0·0	50	0·00
Tuesday .	23	..	29·986	71·7	43·2	58·7	49·7	..	35·2	60·0	58·2	9·0	14·3	4·0	+3·4	Calm	Calm	0·0	0·0	0·0	20	0·00
Wednesday	24	Perigee.	29·929	70·5	54·8	59·2	53·5	..	48·8	60·5	58·5	5·7	13·7	1·8	+4·1	Calm	Calm	0·0	0·0	0·0	20	0·09
Thursday.	25	New. In Equator.	29·579	64·7	48·0	55·6	49·2	..	43·5	60·0	57·6	6·4	10·4	5·4	+0·8	Calm & S.W.	S.W. & N.W.	6·0	0·0	0·6	155	0·01
Friday . .	26	..	29·539	55·9	42·9	47·1	34·9	..	41·0	59·0	56·2	12·2	14·7	9·0	—7·5	W.	W.	3·0	0·0	0·5	235	0·00
Saturday.	27	..	29·570	60·5	43·4	50·4	42·8	..	37·0	58·0	55·6	7·6	11·2	4·4	—4·0	S.W.	W. & Calm.	4·0	0·0	0·3	30	0·05
Means . .		..	29·772	65·2	47·2	54·8	47·3	..	40·6	59·6	57·4	7·5	12·1	4·6	—0·7	..		..	..	..	Sum 600	Sum 0·15
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

Sunday . .	No electricity was shown during the week.
Monday . .	
Tuesday . .	
Wednesday	
Thursday .	
Friday . .	
Saturday .	

GENERAL REMARKS.

The sky was for the most part covered with cloud throughout the day; cirrostratus.

The sky was covered with cloud till 1h. P.M., and clear during the remainder of the day; cirrostratus and light clouds.

The sky was clear until noon; one half covered with cloud till 6h. P.M., and overcast afterwards; cirrostratus and haze.

The sky, with slight exceptions, was covered with cloud during the morning and afternoon, and clear at night; stratus and light clouds.

The sky was overcast throughout the day; cumulo-stratus and cirrostratus. Rain fell at intervals during the afternoon and evening.

The sky was generally one half covered with cloud till near noon; overcast till 7h. P.M., and the amount of cloud was variable afterwards; cumuli, cumulostrati, and cirrostrati.

The clouds were broken until noon, and during the remainder of the day the sky was overcast; cumulostrati and cirrostrati. Misty rain fell during the evening.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9 h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 55·3°; and the mean reading at 9h. P.M. was 53·9°; the mean readings at the Royal Observatory for the same times were 55·8° and 52·5° respectively.

The reading of the barometer decreased from 29·95 in. at the beginning of the week to 29·90 in. on the 21st at 9h. P.M.; it continued at about this value till after 3h. P.M. on the 22d; then increased to 30·0 in. by 9h. P.M. on the 23d; turned to decrease after 9h. A.M. on the 24th; it was 29·50 in. at 9h. P.M. on the 25th; and increased to 29·67 in. by 9h. P.M. at the end of the week.

The direction of the wind for the week is variable.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, October 4. [No. 40.

HEALTH OF LONDON DURING THE WEEK.

In the week ending last Saturday 1014 deaths were registered in the metropolitan districts. In the ten corresponding weeks of the years 1841–50 the average number was 980; but if the population in which this mortality occurred had been equal to the present number of inhabitants, the average would probably have been 1078.

In the previous week, ending 27th September, the deaths were only 958, compared with which the last week has apparently produced an increase. It must be observed, however, that the present return has been unduly augmented by *Coroners' cases*, many of which properly belong to antecedent periods, but have been accumulating till the end of the quarter, when their registration was ultimately completed.

By far the larger proportion of deaths on which Coroners hold inquests are produced by *violent* means, and fall under the general denomination "violence" in the Table of Fatal Causes. In last week 70 cases of this description are enumerated; and of these, 3 were the result of poison, 6 of burns and scalds, 10 of hanging and suffocation, 22 of drowning and immersion, 24 of fractures and contusions, 5 of wounds and other injury. Five children were suffocated, one by food, and three by overlaying, or otherwise, in bed. A brickmaker died of tetanus produced by burns which he received when lying on a brick-kiln.

The following analysis is presented of the 1014 deaths returned last week. The cause of death was —

Certified by written statement of qualified practitioners in	858 cases;
Returned by Coroner's jury in	124 cases;
Not certified, because the deceased person had no medical attendance, in	11 cases;
Not certified, and only reported by informant of the death, in	21 cases;
Total	1014 cases.

From the above it appears that the cases in which the disease was described by the medical attendant, together with those returned by the Coroner, form a proportion of nearly 97 *per cent.* of the total number.

Of the 1014 persons in this return, 260, or about a fourth of the whole, were the victims of epidemic diseases; 61 died of typhus, 70 of diarrhœa, dysentery, and cholera, 21 of hooping-cough, 48 of scarlatina, 17 of measles, and 18 of small-pox. The wife of a gardener, who lived in New Street, Deptford, died on the 28th Sep-

tember of small-pox, at the age of 30 years. She had been vaccinated, but two children, who are now lying very ill with the same complaint, have not been protected by vaccination. Mr. Paine, the Registrar, adds, that the house consists of four rooms, and has a family in each, in all about 16 persons, and that a fatal case of small-pox without vaccination is now registered, which occurred in the house adjoining.

The following deaths occurred in the Small-pox Hospital at Holloway on the 20th, 28th September, and 1st October respectively.

A sailor, a black from Chili, aged 25 years, "small-pox, confluent, unprotected (11 days)."

A labourer, from Whitechapel, aged 24 years, "small-pox, confluent, unprotected (20 days)."

A man from the Richmond Union Workhouse, aged 74 years, "small-pox, confluent, unprotected (7 days)."

Four deaths from cholera were registered in the week; of these the following are the particulars:—

In Belgrave sub-district, at 12½ Commercial-road, on 29th September, the wife of a carpenter, aged 34 years, died of "epidemic cholera."

In Islington, West sub-district, at 5 Half-moon-crescent, on 28th September, the son of a porter, aged 5 months, "cholera infantum (8 days)."

In Ratcliff sub-district, at 15 Alfred-terrace, Bath-street, on 29th September, the daughter of a clerk in the London Docks, aged 4 months, "cholera infantum (18 hours), convulsions (2 hours)."

In Wandsworth, at the Surrey County Lunatic Asylum, a female, 57 years, "bilious cholera (28 hours)."

Next in amount to the epidemic class is the tubercular, which numbers 167 cases, of which 6 are ascribed to scrofula, 21 to tabes mesenterica, 21 to hydrocephalus, and 119 to phthisis or consumption. Diseases of the brain and nervous system follow in the order of fatality in the present table, and comprise 115 cases, of which 33 are due to apoplexy, and 40 to convulsions. Bronchitis, pneumonia, and other affections of the respiratory organs number only 98 at this season.

The births of 729 boys and 700 girls, in all 1429 children, were registered in the week. The average number in six corresponding weeks of 1845–50 was 1319.

At the Royal Observatory, Greenwich, the mean height of the barometer in the week was 29·389 in. The mean temperature was 53·2°, which is slightly below the average of corresponding weeks in ten years. On Friday and Saturday the mean daily temperatures were 56° and 57°, which are respectively 3 and 4 degrees *above* the average of each day. The wind blew generally from the south; and the amount of horizontal movement of the air in the seven days was 855 miles.

Note by Mr. Faulkner, Registrar of St. Giles-in-the-Fields, South sub-district:

The last fortnight has been very fatal to young children in my district. I have registered in this period the deaths of 18 children under 8 years of age, and of 10 whose ages varied from 5 minutes to 14 days. These 10 are classed as follows:—3 were prematurely born, 1 died of debility, and 6 of convulsions. Three had no medical attendance.

Births Registered last Week, and in the Fortieth Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
Total. . . .	1244	1359	1454	1273	1182	1402	1319	1429*
Males . . .	628	651	721	642	631	680	659	729
Females . .	616	708	733	631	551	722	660	700

* The return of Births for the sub-district of Mayfair is not received in consequence of a vacancy in the office of Registrar. An average of 4, drawn from the returns of the previous six weeks, is inserted instead.

Deaths Registered last Week, and in the Fortieth Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
Total. . .		816	848	1056	961	856	935	1143	1005	1290	893	980·3	1014
Males . .		440	409	541	477	448	483	589	502	622	465	497·6	534
Females .		376	439	515	484	408	452	554	503	668	428	482·7	480
	Ages.												
Deaths at three periods of life . .	0—15	422	421	586	528	422	439	504	533	625	403	488·3	463
	15—60	248	267	274	280	269	327	431	267	439	299	310·1	331
	60 & up.	142	160	194	153	161	167	205	198	224	190	179·4	210

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

* The returns of Deaths for Mayfair, St. Nicholas Deptford, and Norwood, have not been obtained in time for insertion in the Tables. Averages of 4 for the first sub-district, 2 for the second, and 2 for the third, are inserted instead. It is now ascertained that 7 deaths were registered in St. Nicholas Deptford, and none in Norwood during the week.

Births and Deaths Registered in London in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	July 12.	July 19.	July 26.	Aug. 2.	Aug. 9.	Aug. 16.	Aug. 23.	Aug. 30.	Sept. 6.	Sept. 13.	Sept. 20.	Sept. 27.	Oct. 4.
Births	1346	1407	1383	1451	1477	1500	1455	1401	1500	1429	1527	1484	1429*
Deaths	881	873	956	1010	1038	1061	956	1061	967	1026	1097	958	1014
Deaths (except from Violence) . . .	869	853	936	992	1025	1037	944	1034	945	967	1068	907	944
Deaths (except from Violence) at 60 years and upwards . .	156	170	168	192	180	177	183	173	140	191	204	179	199
Scarlatina	13	6	18	14	25	17	18	20	29	27	41	41	48
Typhus	28	32	59	53	50	53	41	54	41	57	67	46	61
Diarrhœa & Dysentery	53	67	85	146	146	162	148	181	200	108	106	94	66
Cholera	9	8	12	12	16	28	19	28	17	17	7	9	4
Mean Temperature .	59°·6	58°·1	60°·0	63°·4	64°·1	64°·6	63°·8	56°·4	60°·5	57°·1	57°·3	54°·8	53°·2

Note on the Classification of Diseases.—In the Weekly Abstracts, *metria* was included under the head of "childbirth," *rheumatic fever* under "rheumatism," *nephria* under "disease of the kidneys," till 1848; *want of breastmilk*, *neglect*, and *cold*, under "atrophy," or "privation," till the same year. The few cases of *infantile fever* which occur were formerly included under "worms," which formed a distinct head in the classification till 1848. Deaths from *worms* are now placed to "disease of stomach." The various forms of mechanical and chemical injury were not distinguished till 1848 in the Weekly Tables; but all such cases were classified under "violence." *Noma* was included under "mortification" till 1845. It will be observed that the sums opposite the above heads do not include the returns of the earlier years.

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 53°·2—Oct. 4.			
	50°·7 Oct. 9 1841	48°·0 Oct. 8 1842	59°·5 Oct. 7 1843	53°·8 Oct. 5 1844	54°·6 Oct. 4 1845	54°·2 Oct. 3 1846	51°·5 Oct. 2 1847	60°·3 Oct. 7 1848	51°·2 Oct. 6 1849	52°·0 Oct. 5 1850	Mean 53°·5 Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	816	848	1056	961	856	935	1143	1005	1290	893	9803	463	331	210	1014†
SPECIFIED CAUSES	803	842	1049	956	851	933	1140	995	1284	890	9743	462	330	210	1004
1. Zymotic Diseases	148	177	269	248	207	179	318	430	608	195	2779	197	49	14	260
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	63	62	56	64	41	41	54	48	44	37	510	1	15	17	33
3. Tubercular Diseases	188	177	203	181	154	181	164	122	140	165	1675	57	105	5	167
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	100	105	121	118	102	122	141	82	101	122	1114	55	28	31	115†
5. Diseases of the Heart and Blood-vessels	17	22	21	32	31	31	29	36	23	37	279	..	20	19	39
6. Diseases of the Lungs, and of the other Organs of Respiration	93	92	91	99	83	95	102	107	123	103	988	45	22	31	98
7. Diseases of the Stomach, Liver, and other Organs of Digestion	72	67	105	64	72	72	68	45	76	67	708	20	31	14	65
8. Diseases of the Kidneys, &c.	3	7	7	6	13	9	8	9	9	9	80	1	7	5	13
9. Childbirth, Diseases of the Uterus, &c.	4	10	16	8	13	15	9	6	6	8	95	..	3	1	4
10. Rheumatism, Diseases of the Bones, Joints, &c.	4	3	5	4	6	10	4	6	12	8	62	1	6	1	8
11. Diseases of the Skin, Cellular Tissue, &c.	..	..	..	1	2	4	..	..	3	1	11	..	1	1	2
12. Malformations	..	..	3	..	4	5	2	4	5	2	25	5	..	..	5
13. Premature Birth & Debility	22	16	34	21	20	35	26	16	24	14	228	24	3	..	27
14. Atrophy	9	4	14	12	15	26	28	20	35	24	187	18	..	..	18
15. Age	48	68	73	47	28	29	35	42	48	33	451	..	..	49	49
16. Sudden	7	13	8	15	12	21	42	6	5	17	146	10	6	11	27
17. Violence, Privation, Cold, and Intemperance	25	19	23	36	48	58	110	16	22	48	405	28	34	11	74†
1.—Small-pox	4	6	8	51	12	3	18	31	8	10	151	14	3	1	18
Measles	30	18	39	27	67	5	47	17	14	7	271	17	..	..	17
Scarlatina	14	47	43	87	23	21	50	180	39	31	535	44	4	..	48
Hooping Cough	45	22	35	16	29	25	19	31	27	27	276	20	1	..	21
Croup	8	7	4	6	7	9	7	1	6	10	65	5	..	..	5
Thrush	6	8	17	11	3	14	3	3	6	5	76	3	..	..	3
Diarrhœa	16	15	64	15	31	43	53	47	135	41	460	58	2	3	63
Dysentery	2	12	21	2	1	8	17	12	11	6	92	1	1	1	3
Cholera	1	2	4	..	4	3	3	13	288	7	325	2	2	..	4
Influenza	2	..	1	1	..	1	2	2	2	..	11	..	..	..	..
Purpura and Scurvy	..	..	..	1	..	..	..	..	2	1	4	1	1	..	2
Ague	..	3	..	..	..	..	1	..	..	..	4	..	..	..	..
Remittent Fever	..	..	..	1	1	1	4	2	..	3	12	1	..	..	1
Infantile Fever	*	*	*	*	*	*	*	2	1	..	3	..	..	..	..
Typhus	16	33	27	22	23	38	79	65	53	36	392	28	25	8	61
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	8	2	2	12	..	2	..	2
Rheumatic Fever	*	*	*	*	*	*	*	..	..	..	..	..	2	..	2
Erysipelas	3	4	6	7	5	5	13	12	14	7	76	2	4	1	7
Syphilis	1	..	..	1	1	3	1	4	..	2	13	1	2	..	3
Noma (or Canker)	*	*	*	*	..	..	1	..	..	..	1	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	1	7	8	9	4	5	5	2	11	7	59	..	..	..	..
Dropsy	41	37	31	27	10	12	20	28	9	11	226	..	8	7	15
Abscess	3	1	1	5	..	3	4	1	1	2	21	..	..	..	..
Ulcer	1	1	1	1	2	1	2	..	..	3	12	..	..	1	1
Fistula	..	1	1	..	1	2	..	..	..	..	5	..	..	1	1
Mortification	6	5	2	5	2	4	5	4	3	..	36	..	1	2	3
Cancer	11	8	12	16	20	14	16	13	19	13	142	1	6	6	13
Gout	..	2	..	1	2	..	2	..	1	1	9	..	..	..	..
3.—Scrofula	3	4	2	2	1	4	2	7	11	6	42	2	4	..	6
Tabes Mesenterica	11	5	19	4	21	19	13	10	17	19	138	21	..	..	21
Phthisis (or Consumption)	148	136	138	143	113	127	121	88	92	111	1217	13	101	5	119
Hydrocephalus	26	32	44	32	19	31	28	17	20	29	278	21	..	..	21

* See Note, page 318.

† The ages of two persons, one who died of apoplexy, and another found drowned, were not stated. See also Note page 315.

in the Fortieth Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 53°·2—Oct. 4.			
	50°·7	48°·0	59°·5	53°·8	54°·6	54°·2	51°·5	60°·3	51°·2	52°·0	Mean 53°·5				
	Oct. 9	Oct. 8	Oct. 7	Oct. 5	Oct. 4	Oct. 3	Oct. 2	Oct. 7	Oct. 6	Oct. 5	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
4.—Cephalitis	11	12	8	15	8	5	9	5	9	14	96	7	1	1	9
Apoplexy	17	18	18	18	26	21	50	20	20	33	241	8	13	11	33†
Paralysis	19	17	14	15	11	23	15	15	15	20	164	..	1	13	14
Delirium Tremens	2	3	4	1	1	2	4	1	4	3	25	..	5	1	6
Chorea	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
Epilepsy	4	2	3	2	7	5	5	7	4	5	44	..	3	2	5
Tetanus	..	1	..	..	1	..	1	..	..	1	4	..	..	..	..
Insanity	..	..	2	1	2	2	1	1	2	..	11	..	1	..	1
Convulsions	43	47	58	55	33	50	46	25	38	37	432	39	..	1	40
Disease of Brain, &c.	4	5	14	10	13	14	10	8	9	9	96	1	4	2	7
5.—Pericarditis	1	..	1	3	2	2	1	5	3	2	20	..	..	..	..
Aneurism	..	..	2	..	2	..	1	2	2	4	13	..	1	1	2
Disease of Heart, &c.	16	22	18	29	27	29	27	29	18	31	246	..	19	18	37
6.—Laryngitis	1	..	..	1	1	2	1	2	3	2	13	2	..	..	2
Bronchitis	7	11	9	10	23	21	34	32	37	37	221	13	10	16	39
Pleurisy	1	..	..	2	1	2	2	..	2	1	11	..	2	1	3
Pneumonia	67	65	67	64	49	52	47	58	71	47	587	29	8	6	43
Asthma	9	7	4	10	3	10	8	6	6	9	72	..	..	3	3
Disease of Lungs, &c.	8	9	11	12	6	8	10	9	4	7	84	1	2	5	8
7.—Teething	25	20	30	11	10	11	13	3	15	11	149	9	..	..	9
Quinsey	1	3	3	5	3	..	2	1	2	1	21	2	..	..	2
Gastritis	23	16	29	1	2	5	3	3	2	..	173	..	..	1	1
Enteritis				20	16	16	15	4	11	7		3	2	1	6
Peritonitis	1	3	2	1	4	3	9	5	6	2	36	..	4	..	4
Ascites	..	1	1	1	5	..	..	3	7	2	20	..	..	1	1
Ulceration (of Intestines)	4	2	3	2	4	3	1	2	..	4	25	1	3	..	4
Hernia	1	2	..	2	..	3	1	4	2	1	16	..	1	1	2
Ileus	4	2	2	3	..	1	5	1	1	3	22	..	..	..	..
Intussusception	..	..	..	..	..	1	1	1	1	..	4	..	1	1	2
Stricture of Intestinal Canal	..	..	..	..	3	1	..	1	..	4	9	..	1	2	3
Disease of Stomach, &c.	2	6	19	4	8	5	4	2	10	5	65	..	3	1	4
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	..	..	4	2	5	6	2	4	1	3	27	..	3	3	6
Jaundice	2	1	3	3	1	1	2	4	4	3	24	3	..	..	3
Disease of Liver	9	11	8	9	11	16	10	6	14	20	114	1	12	3	16
Disease of Spleen	..	..	1	..	..	..	..	1	..	1	3	1	1	..	2
8.—Nephritis	..	..	1	1	..	..	..	..	..	..	2	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	2	2	1	5	..	1	..	1
Ischuria	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Diabetes	..	..	..	..	2	..	..	..	1	2	5	..	1	..	1
Stone	1	1	..	1	1	..	1	1	..	..	6	..	..	..	..
Cystitis	..	1	..	..	1	..	..	..	1	1	4	..	..	..	..
Stricture of Urethra	..	1	..	..	3	..	..	..	..	1	5	..	1	..	1
Disease of Kidneys, &c.	2	4	6	4	6	9	7	6	4	4	52	1	4	5	10
9.—Paramenia	..	1	1	..	1	1	..	..	..	..	4	..	..	..	..
Ovarian Dropsy	..	..	1	..	..	2	..	1	..	1	5	..	..	..	..
Childbirth (*see* Metria)	1	7	7	7	9	9	5	4	3	5	57	..	1	..	1
Disease of Uterus, &c.	3	2	7	1	3	3	4	1	3	2	29	..	2	1	3
10.—Arthritis	..	..	1	..	..	..	..	..	1	..	2	..	..	..	..
Rheumatism	4	1	2	2	3	5	..	4	8	4	33	..	2	1	3
Disease of Joints, &c.	..	2	2	2	3	5	4	2	3	4	27	1	4	..	5
11.—Carbuncle	..	..	..	..	..	..	..	..	2	..	2	..	1	1	2
Phlegmon	..	..	..	..	..	1	..	..	..	1	2	..	..	..	..
Disease of Skin, &c.	..	..	..	1	2	3	..	..	1	..	7	..	..	..	..
17.—Intemperance	..	..	..	..	5	2	7	..	..	3	17	..	..	..	..
Privation of Food	..	..	..	..	..	..	1	..	1	..	2	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	..	5	5	10	3	..	..	3
Neglect	*	*	*	*	*	*	*	..	..	..	..	1	..	..	1
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	..	..	2	2	..	3	..	3
Burns and Scalds	*	*	*	*	*	*	*	2	5	1	8	4	2	..	6
Hanging and Suffocation	*	*	*	*	*	*	*	1	3	6	10	5	4	1	10
Drowning	*	*	*	*	*	*	*	3	4	14	21	8	12	1	22†
Fractures	*	*	*	*	*	*	*	7	3	13	23	5	11	8	24
Wounds	*	*	*	*	*	*	*	3	..	4	7	1	2	..	3
Other Violence	*	*	*	*	*	*	*	..	1	..	1	1	..	1	2
All Violence	25	19	23	36	43	56	102	16	16	40	376	24	34	11	70†
Causes not specified	13	6	7	5	5	2	3	10	6	3	60	1	1	..	10†

* See Note, page 318.

† The ages of two persons, one who died of apoplexy, and another found drowned, were not stated. See also Note page 315.

DEATHS Registered in the FORTIETH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION† in		Mean Temperature for the Week ending Saturday,											
			50°·7 Oct. 9	48°·0 Oct. 8	59°·5 Oct. 7	53°·8 Oct. 5	54°·6 Oct. 4	54°·2 Oct. 3	51°·5 Oct. 2	60°·3 Oct. 7	51°·2 Oct. 6	52°·0 Oct. 5	Mean 53°·5 Sum of 10 Weeks.	53°·2 Oct. 4
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948369	2361640	816	848	1056	961	856	935	1143	1005	1290	893	9803	1014
1–6. WEST DISTRICTS .	301189	376332	118	112	170	162	126	131	153	139	179	123	1413	151
7–11. NORTH DISTRICTS .	376568	490441	132	141	152	140	142	173	194	173	194	178	1619	207
12–19. CENTRAL DISTRICTS	374199	392986	159	204	234	181	157	166	207	169	215	138	1830	182
20–25. EAST DISTRICTS .	393067	485336	199	198	237	235	209	210	273	220	317	202	2300	193
26–36. SOUTH DISTRICTS .	503346	616545	208	193	263	243	222	255	316	304	385	252	2641	281
1. Kensington . . . HL	74898	119990	22	33	37	38	22	32	37	39	53	47	360	33
2. Chelsea . . . . *W*H	40243	56543	16	15	30	25	21	22	24	24	29	26	232	27
3. St. George Hanover-sq. H	66657	73207	27	21	44	31	22	29	24	24	37	16	275	33
4. Westminster. . HHPP	56802	65609	28	22	33	46	32	28	35	36	35	18	313	29
5. St. Martin-in-the-Flds. H	25132	24557	11	5	14	8	9	12	20	11	13	7	110	14
6. St. James Westminster .	37457	36426	14	16	12	14	20	8	13	5	12	9	123	15
7. Marylebone . . . H	138383	157679	57	61	58	58	53	77	64	59	59	59	605	72
8. Hampstead . . . . }	140078	11986	*	*	*	*	*	*	2	8	3	1	14	6
9. Pancras . . . *W*HH }		167198	50	49	57	49	49	55	89	57	71	66	592	73
10. Islington . . . HHP	55779	95154	15	13	22	18	23	25	25	28	27	34	230	39
11. Hackney . . . . H	42328	58424	10	18	15	15	17	16	14	21	34	18	178	17
12. St. Giles	54378	54062	28	40	34	15	23	16	29	10	29	17	241	23
13. Strand (wkh. in 9) . H	43667	44446	21	20	22	17	21	25	31	17	22	14	210	21
14. Holborn	44532	46571	20	26	22	14	21	22	27	22	19	16	209	18
15. Clerkenwell . . PP	56799	64705	24	24	33	33	16	19	25	32	29	25	260	30
16. St. Luke (wkh. in 20) L	49908	54058	18	25	44	29	22	27	23	25	29	18	260	17
17. East London . . . P	39718	44407	21	20	35	22	15	20	18	17	29	14	211	30
18. West London *W*HPPP	29188	28829	14	33	24	32	19	17	30	27	34	14	244	19
19. City of Lon. (wkh. in 25)	56009	55908	13	16	20	19	20	20	24	19	24	20	195	24
20. Shoreditch . . *W*L	83564	109209	51	37	46	53	38	48	43	43	80	38	477	40
21. Bethnal Green . . L	74206	90170	34	35	37	50	30	29	45	41	54	19	374	30
22. Whitechapel . . . H	71879	79756	54	56	63	48	46	54	67	51	66	53	558	52
23. St. George-in-the-East .	41416	48375	20	15	22	19	29	20	32	21	23	26	227	21
24. Stepney . . . . H	90831	110669	35	38	56	56	52	38	64	46	62	45	492	32
25. Poplar. . . . *W*L	31171	47157	5	17	13	9	14	21	22	18	32	21	172	18
26. St. Saviour . . HH	33027	35729	12	20	28	9	17	18	17	26	24	12	183	20
27. St. Olave . . . HH	19869	19367	21	8	13	21	18	26	36	20	20	22	205	27
28. Bermondsey	35002	48128	19	17	26	29	18	23	21	19	37	27	236	21
29. St. Geo. Southwk. LPP	46718	51825	19	19	23	31	15	21	18	27	38	32	243	12
30. Newington . . . P	54693	64805	13	29	32	20	15	19	19	27	47	27	248	27
31. Lambeth	116072	139240	52	38	68	53	47	43	50	76	83	51	561	60
32. Wandsworth . . . L	39918	50770	*	*	*	10	14	28	24	10	23	14	123	16
33. Camberwell . . . LL	39931	54668	14	14	14	22	23	17	18	27	28	23	200	21
34. Rotherhithe	13940	17778	6	7	6	14	9	3	11	11	10	9	86	8
35. Greenwich . HHHP	81125	99404	52	41	53	34	46	57	98	49	62	21	513	52
36. Lewisham. . . . *W*	23051	34831	*	*	*	*	*	*	4	12	13	14	43	17

† Seamen and others on board vessels in the docks and river are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 9803; which divided by 10 gives 980 nearly for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 980 divided by 10 is 98, which added to 980, makes the corrected average 1078. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 151 in 10 weeks; the average was 15; the corrected average 17. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831–41; 1·998 *per cent.* annually in the ten years, 1841–51; and 1·778 *per cent.* annually in the fifty years, 1801–51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5{\cdot}5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	.	1	1
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	1	1
2 Chelsea [North West]	1	1	2
2 *St. George Hanover Square* [*Chelsea N.W.*]	1	.	1
3 St. George Hanover Square [May Fair]	.	.	.
4 Westminster [St. Margaret]	1	1	2
5 St. Martin-in-the-Fields [Charing Cross]	2	.	2
6 St. James Westminster [Golden Square]	3	2	5
7 Marylebone [Rectory]	5	2	7
9 *Strand* [*Tottenham Court*]	.	1	1
9 Pancras [Camden Town]	3	4	7
10 Islington [West]	1	3	4
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	2	.	2
14 Holborn [St. Andrew East]	1	.	1
15 Clerkenwell [St. James]	.	.	.
17 East London [St. Botolph]	.	4	4
18 *East London* [*West London North*]	1	2	3
18 West London [North]	1	.	1
20 Shoreditch [Haggerstone West]	3	2	5
20 *St. Luke* [*Hoxton New Town*]	1	.	1
21 Bethnal Green [The Green]	.	6	6
22 Whitechapel [Mile End New Town]	.	1	1
22 Whitechapel [North]	1	.	1
23 St. George-in-the-East [St. John]	1	3	4
24 Stepney [Shadwell]	.	.	.
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	2	.	2
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City* [*Bow*]	.	.	.
25 Poplar [Poplar]	.	.	.
26 St. Saviour [Christchurch]	1	.	1
27 St. Olave [St. John Horselydown]	.	1	1
28 Bermondsey [St. Mary Magdalen]	1	.	1
29 St. George Southwark [Borough Road]	1	.	1
30 Newington [St. Peter Walworth]	.	2	2
31 Lambeth [Lambeth Church 2d]	.	.	.
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	.	.	.
33 Camberwell [Camberwell]	1	1	2
34 Rotherhithe	.	.	.
35 Greenwich [East]	.	.	.
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	34	38	72
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	1	.	1
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	1	1	2
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	2	1	3
General Hospitals:—			
3 St. George [Belgrave]	2	5	7
4 Westminster [St. Margaret]	.	1	1
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	6	.	6
9 University College [Tottenham Court]	5	1	6
9 Royal Free Hospital [Gray's Inn Lane]	.	.	.
13 King's College [St. Clement Danes]	2	1	3
18 St. Bartholomew [West London North]	3	1	4
22 London [Whitechapel Church]	4	4	8
27 Guy's [St. Olave and St. Saviour]	3	4	7
27 St. Thomas [St. Olave & St. Saviour]	3	1	4
Total	28	18	46
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	3	.	3
10 Fever [Islington West]	2	.	2
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	.	.
Total	5	.	5

	M.	F.	T.
HOSPITALS—*continued.*			
Lying-in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2d part] Women	.	1	1
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	.	1	1
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northum. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	3	3
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	.	.
Total	.	3	3
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	1	.	1
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	1	.	1
36 Dreadnought Ship (for Seamen, Greenwich West)	4	.	4
Total	6	.	6
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	34	38	72
Military and Naval Asylums	2	1	3
General Hospitals	28	18	46
Hospitals for Special Diseases	5	.	5
Lying-in Hospitals	.	1	1
Lunatic Asylums	.	3	3
Military and Naval Hospitals	6	.	6
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	.	.
Total in Public Institutions	75	61	136

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 4th October 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
September.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday .	28	..	29·820	60·3	44·0	49·6	41·4	..	35·5	58·5	55·5	8·2	9·3	5·1	—4·5	Calm	N.	0·0	0·0	0·0	25	0·00
Monday .	29	..	29·590	61·0	38·0	51·0	41·8	..	30·0	57·8	55·5	9·2	14·2	5·9	—2·8	Calm	S.	0·0	0·0	0·0	115	0·00
Tuesday .	30	..	29·305	62·2	48·0	53·3	49·9	..	40·0	57·2	55·0	3·4	8·7	2·8	—0·3	S.S.E.	S.	2·0	0·0	0·1	125	0·14
October.																						
Wednesday	1	..	29·015	61·5	50·2	55·1	49·3	..	44·0	57·0	55·0	5·8	8·6	3·8	+1·7	S.	S.S.E.	6·0	0·0	1·2	195	0·17
Thursday .	2	First Quarter Greatest Dec. S.	29·240	58·5	46·5	51·1	45·0	..	39·5	56·8	54·5	6·1	10·6	5·0	—2·1	S.	S.	1·2	0·0	0·1	130	0·20
Friday . .	3	..	29·392	63·5	48·8	55·5	49·3	..	42·0	56·6	54·5	6·2	10·2	3·2	+2·5	S.S.E.	S.	3·6	0·0	0·2	125	0·05
Saturday .	4	..	29·362	65·7	49·2	57·1	49·3	..	46·0	56·5	54·5	7·8	13·3	4·0	+4·3	S.	S.W.	4·5	0·0	0·2	140	0·05
Means . .		..	29·389	61·8	46·4	53·2	46·6	..	39·6	57·2	54·9	6·7	10·7	4·3	—0·2	S.		..	..	..	Sum 855	Sum 0·61
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

Sunday . .	Nothing was shown at any examination.
Monday. .	Nothing was shown at any examination.
Tuesday .	Nothing was shown throughout the day.
Wednesday	Nothing was shown throughout the day.
Thursday .	Positive, and tension strong during the afternoon.
Friday . .	Positive, and tension strong during the afternoon.
Saturday .	Positive, and tension strong during the afternoon.

GENERAL REMARKS.

Clouds were prevalent during the morning and afternoon, but variable in amount; at night the sky was clear.

The sky was overcast till noon, one half covered till 4h. P.M., and the amount of cloud was variable afterwards; cumulostratus, cirrostratus, and loose scud. A fine aurora was visible at night, and the magnets were greatly disturbed.

The sky was for the most part covered with cloud throughout the day; cirrostratus. Rain fell frequently.

The sky was one half covered with cloud till near noon, and overcast during the remainder of the day; cirrostratus. Rain fell frequently during the afternoon.

The amount of cloud was very variable throughout the day; cumuli and cirrostrati. Showers of rain fell during the morning and afternoon. An aurora was visible at night, and the magnets were disturbed.

The sky was generally one half covered with cloud during the morning and afternoon, at night the sky was generally clear; cumuli, cumulostrati, and cirrostrati.

The sky was covered with cloud till near noon, during the afternoon the amount of cloud was variable, at night the sky was clear; cumuli, cumulostrati. Rain fell during the morning.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R.S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, —*lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 55·4°; and the mean reading at 9h. P.M. was 52·0°; the mean readings at the Royal Observatory for the same times were 56·4° and 51·3° respectively.

The reading of the barometer increased from 29·67 in. at the beginning of the week to 29·83 in. by 10h. A.M. on 28th September; increased to 29·91 in. by 5h. P.M. on 1st October; decreased to 29·46 in. by 9h. P.M. on the 3d; decreased to 29·35 in. by 9h. A.M. on the 4th; and increased to 29·40 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, October 11. [No. 41.

HEALTH OF LONDON DURING THE WEEK.

Nine hundred and fifty-three deaths were registered in London in the week ending last Saturday. The average of ten corresponding weeks in 1841–50 was 922 ; but as population increased during the ten years and up to the present time, the average, to be rendered comparable with last week's mortality, must be raised in proportion to the increase. The average thus corrected may be stated as 1014, on which the deaths of last week show a decrease of 61.

The zymotic or epidemic class of diseases produced 242 deaths, or more than a fourth of the total amount, while the corrected average is 278. The number of fatal cases ascribed to small-pox is 18, all of which occurred to children, and in none is it stated that the patients had been previously vaccinated. The neglect of vaccination is repeatedly noticed by the Registrars, and their observations on this subject deserve attention. In North St. Giles, at 21 Lumber-court, the daughter of a butcher, aged 3 years, died of small-pox after 9 days illness. Mr. Simpson remarks, that "this is the second death within a week from small-pox in this family, a brother aged 6 years having died of the disease. In neither case had vaccination been performed, the general adoption of which is loudly called for in poor and over-crowded districts, where so many fatal cases occur, owing to the epidemic diffusion of the disease, as well as a greater degree of susceptibility."

In Haggerstone-west, at 75 York-street, the son of a bricklayer, aged 2 years, died of "confluent small-pox (10 days)." This (Mr. Bowring adds) furnishes another example of prejudice. Four months ago I requested the parents to vaccinate their children, as small-pox was in the neighbourhood, but they did not consent. The following is from a letter of the medical attendant of the above case :

"On the 20th of last month I attended a girl, aged 8 years, for an attack of small-pox, and was informed by her mother that there were two of her children who had not been vaccinated. I requested her to allow me to vaccinate them, but could not prevail, although I warned her of the consequence. The result is the death of one, and the other is now suffering from the premonitory symptoms of the disease, which I have no doubt will terminate fatally. Since my appointment to this district I have frequently experienced great opposition from parents to have their children vaccinated, and without the enactment of some stringent measure to compel parents and others to submit, there is no chance of getting rid of this loathsome disease."

In South St. Giles, at 9 Great-Earl-street, the daughter of a lawyer's clerk deceased, aged 4 years, died of small-pox, without medical attendant. Mr. Faulkner mentions that "this child has never been vaccinated. The mother had applied to a medical man, who refused to attend, as he said 'small-pox was contagious, and he might take it.'"

Amongst epidemics it is evident that scarlatina is making progress. In the last week of August it was fatal in only 20 cases; since that period the weekly numbers have run thus: 29, 27, 41, 41, 48, and in last week 55. In All Souls, Marylebone, at 14 Castle-street-east, on 4th October, the son of a carman, aged 2 years, died of scarlatina maligna. Mr. Wallington observes: "This house is very defective in ventilation and drainage, and is reported to be in a dirty con-

dition. It is let out in single rooms, and from the testimony of the medical men attending patients there, it appears to be particularly unhealthy. Since 13th May last I have registered the deaths of three children from scarlatina maligna (ages from 2 to 4 years), and of two from convulsions and hooping-cough, &c. (ages 1 month and 10 months), all of which deaths occurred in this house."

In the South sub-district of West London, at 1 Dean-street, St. Andrew's, the son and daughter of a compositor, aged respectively 18 months and 3 years, died of scarlatina. Mr. Nason states, that "in the family were six children, all of whom were laid up with scarlatina, but the four who remain are now convalescent; the house is clean, well ventilated, and has a good supply of water."

Diarrhœa and dysentery continue to decrease; the number from these diseases which in the first week of September rose to 200 has now with the decline of temperature fallen to 54. Four deaths from cholera, of which the following are the several particulars, were registered during the week :—

On 8th October, in Charing-cross sub-district, at 10 Bullin-court, a fruiterer, 26 years, "cholera morbus (26 hours)." The house clean and well drained.

On 8th October, in Hackney, at 1 Myrtle-place, Mayfield-road, the son of a landing-waiter, aged 5 months, "infantile cholera (2 months)."

On 6th October in Kent-road sub-district, at 1 New-court, the son of a labourer, aged 1 year, "English cholera (24 hours), convulsions."

On 5th October, in Sydenham, at Wells-road, a grocer, aged 33 years "choleretic attack, 15 hours, occurring after amputation of the leg."

Typhus has lately shown a disposition to increase, and in last week carried off 60 persons, of whom one half were of middle age. On the 4th instant the daughter of a labourer, aged 18 months, died, at 16 Orchard-grove, Balls-pond, of fever (followed by diarrhœa), which in the medical certificate is attributed to "the want of proper drainage." Mr. Butterfield describes also the Lower-road, Islington, which crosses the top of the place above mentioned, as very defective in drainage.

Amongst other classes of diseases, besides the epidemic, the most important are the tubercular (including phthisis), which numbers 173 deaths in the present return; that of affections of the respiratory organs, which numbers 111; diseases of the brain and nervous system, which number 97; and diseases of the digestive organs, which number 72.

The following are a few cases of a special character in the returns of the week :— At 96 Leman-street, Whitechapel, a cigar maker, aged 28 years, died of "sun-stroke (9 months previously), effusion on the brain." A rope-spinner, aged 68 years, died in the workhouse, Borough-road sub-district, of "inflammation in the arm from venomous bites," which, according to the Registrar, were inflicted by a wasp. In St. George-in-the-East, at 18 Raymond-place, the wife of a chimney-sweeper, aged 29, died of "cancer of the uterus; she had undergone the Cæsarian section 3 months and 9 days before death." It is stated by the Registrar that the child is alive, and doing well. The widow of a labourer died at 1 Dudley-court, St. Giles-in-the-fields, of dropsy, at the advanced age of 100 years. She was a native of Ireland. Her hearing, sight, and other faculties were good to the time of her decease. During the last 20 years she worked as a porter in Covent-garden market. The deaths of a man and a woman are directly ascribed to intemperance, while another female is stated to have committed suicide, in an unsound state of mind produced by drinking.

Last week the births of 741 boys and 674 girls, in all 1415 children, were registered during the week. The average of six corresponding weeks in 1845–50 was 1241.

At the Royal Observatory, Greenwich, the mean height of the barometer in the week was 29·743 in. The mean reading of Saturday was 30·100 in. The mean temperature of the week was 54·6°. The daily mean rose from 51° on Wednesday and Thursday to 61° and 59° on Friday and Saturday. On the first five days it was near the average of corresponding days in 10 years, but on Friday it rose 10 degrees above it. The wind blew from the south-west during nearly the whole week.

NOTE by Mr. Baddeley, Registrar of Mile-end Old-town Upper:

"It is worthy of remark (in order to show the healthiness of my large district, containing according to the last census a population of 29,484 souls) that from the 30th September last to the 6th October following 3 deaths only occurred, and in the two weeks ending 11th October last 13 deaths were registered, a number considerably below the usual average."

NOTE by Mr. Castleden, Registrar of Mile-end Old-town Lower:

"This sub-district may be considered remarkably healthy, only one death having taken place from 26th September to 2d October." Mr. C. however returns 11 deaths between the 2d and 10th October inclusive.

BIRTHS Registered LAST WEEK, and in the FORTY-FIRST Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1082	1178	1241	1303	1271	1369	1241	1415
Males . . .	536	589	605	706	658	720	636	741
Females . .	546	589	636	597	613	649	605	674

DEATHS Registered LAST WEEK, and in the FORTY-FIRST Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		810	824	950	1018	786	905	1022	991	1075	839	922·0	953*
Males . .		406	411	509	507	417	452	495	470	510	445	462·2	494
Females .		404	413	441	511	369	453	527	521	565	394	459·8	459
Deaths at three periods of life . .	Ages.												
	0—15	390	394	532	527	410	400	497	531	501	365	454·7	433
	15—60	269	266	241	299	237	336	329	319	366	279	294·1	342
	60 & up.	150	163	175	191	136	167	196	140	206	187	171·1	174

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

* The return for the sub-district of Mayfair has not been received in consequence of a vacancy in the office of Registrar. Averages of 4 births and 4 deaths, derived from the returns of the previous six weeks, are substituted; and the 4 deaths are placed in the Table of Diseases, to *Causes not specified.*

BIRTHS and DEATHS Registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	July 19.	July 26.	Aug. 2.	Aug. 9.	Aug. 16.	Aug. 23.	Aug. 30.	Sept. 6.	Sept. 13.	Sept. 20.	Sept. 27.	Oct. 4.	Oct. 11.
BIRTHS	1407	1383	1451	1477	1500	1455	1401	1500	1429	1527	1484	1429	1415*
DEATHS	873	956	1010	1038	1061	956	1061	967	1026	1097	958	1014	953
DEATHS (except from Violence) . . .	853	936	992	1025	1037	944	1034	945	967	1068	907	944	930
Deaths (except from Violence) at 60 years and upwards . .	170	168	192	180	177	183	173	140	191	204	179	199	171
Scarlatina	6	18	14	25	17	18	20	29	27	41	41	48	55
Typhus	32	59	53	50	53	41	54	41	57	67	46	61	60
Diarrhœa & Dysentery	67	85	146	146	162	148	181	200	108	106	94	66	54
Cholera	8	12	12	16	28	19	28	17	17	7	9	4	4
Mean Temperature .	58°·1	60°·0	63°·4	64°·1	64°·6	63°·8	56°·4	60°·5	57°·1	57°·3	54°·8	53°·2	54°·6

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851			
	51°·9 Oct. 16 1841	50°·4 Oct. 15 1842	47°·4 Oct. 14 1843	51°·3 Oct. 12 1844	47°·3 Oct. 11 1845	55°·7 Oct. 10 1846	53°·1 Oct. 9 1847	52°·1 Oct. 14 1848	46°·7 Oct. 13 1849	49°·3 Oct. 12 1850	Mean 50°·5 Sum of 10 Weeks.	54°·6—Oct. 11. 0	15	60	All Ages.
ALL CAUSES	810	824	950	1018	786	905	1022	991	1075	839	9220	433	342	174	953†
SPECIFIED CAUSES	805	815	943	1017	780	903	1019	990	1072	830	9174	432	340	174	946
1. Zymotic Diseases	139	151	240	260	194	191	327	448	372	207	2529	184	46	12	242
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	65	61	47	67	40	44	36	36	56	54	506	2	18	25	45
3. Tubercular Diseases	172	154	180	185	163	199	147	131	157	151	1639	46	120	7	173
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	116	96	113	118	92	105	110	84	89	94	1017	41	22	34	97
5. Diseases of the Heart and Blood-vessels	18	16	17	31	30	34	43	32	34	33	288	4	29	11	44
6. Diseases of the Lungs, and of the other Organs of Respiration	93	122	119	140	88	118	105	90	138	85	1098	48	35	28	111
7. Diseases of the Stomach, Liver, and other Organs of Digestion	66	60	70	54	56	69	64	40	52	64	595	33	28	11	72
8. Diseases of the Kidneys, &c.	4	7	5	7	15	9	17	8	12	17	101	..	11	5	16
9. Childbirth, Diseases of the Uterus, &c.	8	11	7	17	5	14	18	9	13	6	108	1	9	..	10
10. Rheumatism, Diseases of the Bones, Joints, &c.	1	5	6	4	8	7	8	1	6	11	57	2	3	1	6
11. Diseases of the Skin, Cellular Tissue, &c.	..	1	1	..	2	..	1	1	1	2	9	1	..	..	1
12. Malformations	..	..	3	6	3	6	3	5	1	5	32	3	..	..	3
13. Premature Birth & Debility	27	20	22	29	10	24	14	20	39	28	233	31	4	..	35
14. Atrophy	8	10	17	16	18	17	33	21	35	17	192	20	..	..	20
15. Age	54	67	66	57	29	32	55	32	41	35	468	..	..	33	33
16. Sudden	10	16	6	11	5	2	10	10	12	5	87	2	1	4	7
17. Violence, Privation, Cold, and Intemperance	24	18	24	15	22	32	28	22	14	16	215	14	14	3	31
1.—Small-pox	7	6	6	36	4	4	28	47	6	6	150	18	..	..	18
Measles	22	21	33	30	61	8	52	10	8	15	260	14	..	..	14
Scarlatina	8	36	54	102	24	28	58	188	56	26	580	54	1	..	55
Hooping Cough	46	18	23	18	37	25	19	24	19	17	251	11	..	..	11
Croup	7	8	6	6	6	5	8	3	3	5	57	9	..	..	9
Thrush	8	5	8	7	8	6	4	4	1	3	54	2	..	..	2
Diarrhœa	16	14	43	19	22	57	45	37	91	49	393	35	6	5	46
Dysentery	1	4	17	3	2	3	10	2	14	8	64	6	1	1	8
Cholera	..	..	4	..	1	2	2	30	110	1	150	2	2	..	4
Influenza	..	..	1	3	..	..	1	1	2	2	10	..	..	1	1
Purpura and Scurvy	..	..	1	1	1	1	3	1	..	4	12	..	..	1	1
Ague	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Remittent Fever	..	1	..	..	..	3	..	..	..	..	4	2	..	..	2
Infantile Fever	*	*	*	*	*	*	*	3	2	2	7	..	..	..	..
Typhus	23	28	32	27	19	41	79	80	47	55	431	25	31	4	60
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	8	1	2	11	..	1	..	1
Rheumatic Fever	*	*	*	*	*	*	*	1	1	1	3	..	..	..	..
Erysipelas	1	10	5	7	7	6	14	7	8	9	74	1	4	..	5
Syphilis	..	..	2	1	2	1	4	2	1	2	15	4	..	..	4
Noma (or Canker	*	*	*	*	..	1	..	..	1	..	2	1	..	..	1
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	2	3	3	5	..	3	4	4	4	11	39	..	..	2	2
Dropsy	42	36	31	38	10	18	15	13	13	17	233	1	5	10	16
Abscess	3	3	3	3	3	1	3	..	3	2	24	1	..	..	1
Ulcer	1	..	2	1	3	..	1	..	3	1	12	..	..	1	1
Fistula	1	..	1	..	1	1	1	1	..	..	6	..	..	..	..
Mortification	3	4	1	5	5	3	..	3	5	5	34	..	2	2	4
Cancer	13	12	4	12	17	18	10	14	28	16	144	..	10	8	18
Gout	..	3	2	3	1	..	2	1	..	2	14	..	1	2	3
3.—Scrofula	5	4	1	1	5	6	4	9	4	9	48	3	4	..	7
Tabes Mesenterica	8	7	19	8	14	16	15	10	22	14	133	15	..	..	15
Phthisis (or Consumption)	130	120	128	132	121	152	105	96	112	108	1204	11	114	7	132
Hydrocephalus	29	23	32	44	23	25	23	16	19	20	254	17	2	..	19

* See Note, page 326.

† See Note, page 323.

in the FORTY-FIRST Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 54°·6—Oct. 11.			
	51°·9 Oct. 16 1841	50°·4 Oct. 15 1842	47°·4 Oct. 14 1843	51°·3 Oct. 12 1844	47°·3 Oct. 11 1845	55°·7 Oct. 10 1846	53°·1 Oct. 9 1847	52°·1 Oct. 14 1848	46°·7 Oct. 13 1849	49°·3 Oct. 12 1850	Mean 50°·5 Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	9	10	15	18	11	9	7	5	10	11	105	5	1	..	6
Apoplexy	21	14	14	22	16	18	28	22	24	22	201	1	4	14	19
Paralysis	14	12	22	18	15	20	16	12	16	21	166	..	6	18	24
Delirium Tremens	1	..	2	1	3	4	..	2	2	4	19	..	1	..	1
Chorea	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Epilepsy	1	..	2	4	6	3	7	6	5	5	39	..	6	1	7
Tetanus	..	..	..	..	1	..	..	1	..	..	2	..	..	..	..
Insanity	..	4	..	3	2	1	1	3	1	1	16	..	..	..	..
Convulsions	57	48	50	49	33	33	37	26	21	22	376	30	1	..	31
Disease of Brain, &c.	13	8	8	3	5	17	14	7	10	8	93	5	3	1	9
5.—Pericarditis	..	1	..	3	..	1	2	1	1	2	11	..	1	1	2
Aneurism	2	..	..	2	1	1	2	1	3	4	16	..	4	1	5
Disease of Heart, &c.	16	15	17	26	29	32	39	30	30	27	261	4	24	9	37
6.—Laryngitis	..	..	2	..	5	3	3	2	5	1	21	1	2	..	3
Bronchitis	7	11	5	22	22	42	28	25	46	30	238	6	14	18	38
Pleurisy	2	..	3	2	2	5	3	..	2	2	21	..	4	1	5
Pneumonia	56	78	80	83	45	54	51	51	71	40	609	40	10	5	55
Asthma	18	15	11	19	5	8	12	5	8	5	106	..	..	2	2
Disease of Lungs, &c.	10	18	18	14	9	6	8	7	6	7	103	1	5	2	8
7.—Teething	19	13	29	10	5	12	11	2	8	12	121	15	..	..	15
Quinsey	3	2	..	4	..	..	1	1	1	2	14	..	..	..	..
Gastritis	23	14	20	..	1	2	2	1	2	1	129	..	..	..	..
Enteritis				11	12	11	8	7	7	7		4	2	..	6
Peritonitis	1	4	3	2	3	1	12	7	3	3	39	1	1	1	3
Ascites	..	2	..	3	..	3	5	..	2	1	16	1	3	3	7
Ulceration (of Intestines)	..	1	1	1	3	5	2	..	3	1	17	..	4	..	4
Hernia	3	1	..	1	2	1	1	4	2	2	17	..	..	2	2
Ileus	6	2	3	2	..	1	1	4	2	2	23	2	4	2	8
Intussusception	..	1	..	1	1	..	1	..	..	..	4	1	..	..	1
Stricture of Intestinal Canal	..	..	1	..	2	..	1	1	1	2	8	1	..	..	1
Disease of Stomach, &c.	3	6	7	7	6	5	4	3	6	6	53	2	2	1	5
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	..	3	..	1	6	6	4	2	3	5	30	..	4	1	5
Jaundice	3	4	1	4	2	3	1	2	4	3	27	3	1	..	4
Disease of Liver	5	7	5	7	13	19	10	6	8	16	96	3	7	1	11
Disease of Spleen	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
8.—Nephritis	1	..	..	1	2	..	1	1	..	3	9	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	2	3	4	9	..	5	1	6
Ischuria	..	1	..	..	..	..	..	..	..	..	1	..	1	..	1
Diabetes	..	..	..	1	..	..	..	3	1	2	7	..	1	..	1
Stone	..	..	..	1	1	..	2	..	1	..	5	..	..	..	..
Cystitis	..	..	..	..	2	..	..	..	1	..	3	..	..	..	..
Stricture of Urethra	..	2	1	..	4	2	..	..	..	..	9	..	1	..	1
Disease of Kidneys, &c.	3	4	4	4	6	7	14	2	6	8	58	..	3	4	7
9.—Paramenia	..	..	..	..	..	1	..	..	1	..	2	..	..	..	..
Ovarian Dropsy	..	..	..	1	1	..	1	2	1	1	7	..	1	..	1
Childbirth (*see* Metria)	7	11	3	9	3	12	13	4	7	2	71	..	5	..	5
Disease of Uterus, &c.	1	..	4	7	1	1	4	3	4	3	28	1	3	..	4
10.—Arthritis	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
Rheumatism	..	3	..	2	3	3	4	1	..	6	22	1	3	1	5
Disease of Joints, &c.	1	2	6	2	4	4	4	..	6	5	34	1	..	..	1
11.—Carbuncle	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
Phlegmon	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
Disease of Skin, &c.	..	1	..	..	2	..	1	1	1	2	8	..	..	..	..
17.—Intemperance	..	..	2	..	..	1	..	1	..	..	4	..	2	..	2
Privation of Food	..	1	..	..	..	..	1	3	..	1	6	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	2	2	2	6	5	..	..	5
Neglect	*	*	*	*	*	*	*	..	..	..	..	1	..	..	1
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	2	1	..	3	..	1	1	2
Burns and Scalds	*	*	*	*	*	*	*	2	1	1	4	2	..	..	2
Hanging and Suffocation	*	*	*	*	*	*	*	1	3	1	5	..	1	..	1
Drowning	*	*	*	*	*	*	*	4	3	5	12	..	5	..	5
Fractures	*	*	*	*	*	*	*	4	3	5	12	4	2	2	8
Wounds	*	*	*	*	*	*	*	3	1	..	4	1	3	..	4
Other Violence	*	*	*	*	*	*	*	..	..	1	1	1	..	..	1
All Violence	24	17	22	15	22	31	27	16	12	13	199	8	12	3	23
Causes not specified	5	9	7	1	6	2	3	1	3	9	46	1	2	..	7†

* See Note, page 326. † See Note, page 323.

DEATHS Registered in the FORTY-FIRST WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION† in		Mean Temperature for Week ending Saturday,											
			51°·9	50°·4	47°·4	51°·3	47°·3	55°·7	53°·1	52°·1	46°·7	49°·3	Mean 50°·5	54°·6
			Oct. 16	Oct. 15	Oct. 14	Oct. 12	Oct. 11	Oct. 10	Oct. 9	Oct. 14	Oct. 13	Oct. 12	Sum of 10 Weeks.	Oct. 11
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948369	2361640	810	824	950	1018	786	905	1022	991	1075	839	9220	953
1-6. WEST DISTRICTS .	301189	376332	111	114	147	144	117	97	141	139	145	123	1278	144
7-11. NORTH DISTRICTS .	376568	490441	130	149	159	196	110	171	199	183	176	152	1625	190
12-19. CENTRAL DISTRICTS	374199	392986	179	174	182	194	145	171	160	170	156	131	1662	144
20-25. EAST DISTRICTS .	393067	485336	179	193	225	241	170	210	254	233	269	196	2170	218
26-36. SOUTH DISTRICTS .	503346	616545	211	194	237	243	244	256	268	266	329	237	2485	257
1. Kensington . . . HL	74898	119990	18	15	33	27	42	28	39	24	41	35	302	59
2. Chelsea . . . . *W*H	40243	56543	12	20	23	17	13	11	20	32	24	15	187	29
3. St. George Hanover-sq. H	66657	73207	22	24	31	27	24	18	20	16	25	26	233	26
4. Westminster . HHPP	56802	65609	35	26	24	41	18	18	32	43	27	19	283	16
5. St. Martin-in-the-Flds. H	25132	24557	13	14	14	16	4	9	15	9	15	14	123	5
6. St. James Westminster .	37457	36426	11	15	22	16	16	13	15	15	13	14	150	9
7. Marylebone . . . H	138383	157679	61	66	53	81	41	67	62	63	62	64	620	52
8. Hampstead . . . . }	140078	11986	*	*	*	*	*	*	1	7	2	2	12	8
9. Pancras . . . *W*HH }		167198	38	55	70	78	37	63	87	57	65	46	596	67
10. Islington . . . HHP	55779	95154	17	13	24	20	18	26	26	37	30	26	237	44
11. Hackney . . . . H	42328	58424	14	15	12	17	14	15	23	19	17	14	160	19
12. St. Giles	54378	54062	33	32	28	28	22	21	21	22	13	14	234	30
13. Strand (wkh. in 9) . H	43667	44446	22	23	16	19	18	21	21	22	16	23	201	11
14. Holborn	44532	46571	19	17	18	21	18	21	20	19	13	18	184	16
15. Clerkenwell . . PP	56799	64705	15	25	31	28	22	28	15	33	27	19	243	19
16. St. Luke (wkh. in 20) L	49908	54058	24	25	28	24	19	23	35	27	29	11	245	17
17. East London . . . P	39718	44407	21	11	16	23	14	22	16	16	17	16	172	16
18. West London *W*HPPP	29188	28829	19	21	31	24	16	17	19	13	19	12	191	19
19. City of Lon. (wkh. in 25)	56009	55908	26	20	14	27	16	18	13	18	22	18	192	16
20. Shoreditch . . *W*L	83564	109209	50	38	56	52	47	43	51	51	75	44	507	48
21. Bethnal Green . . L	74206	90170	21	40	35	53	29	38	41	46	55	42	400	44
22. Whitechapel . . . H	71879	79756	36	50	49	45	27	40	62	50	46	27	432	36
23. St. George in the East .	41416	48375	19	25	32	24	25	26	34	25	13	24	247	26
24. Stepney . . . . H	90831	110669	36	29	42	52	26	48	37	49	54	30	403	47
25. Poplar . . . *W*L	31171	47157	17	11	11	15	16	15	29	12	26	29	181	17
26. St. Saviour . . HH	33027	35729	16	7	22	23	22	13	31	21	32	22	209	18
27. St. Olave . . . HH	19869	19367	15	7	16	9	19	31	18	19	29	15	178	19
28. Bermondsey	35002	48128	20	16	19	19	24	20	29	21	31	20	219	28
29. St. Geo. Southwk. LPP	46718	51825	22	23	21	24	21	23	28	22	26	22	232	29
30. Newington . . . P	54693	64805	27	26	27	22	24	22	25	22	33	11	239	29
31. Lambeth	116072	139240	34	49	50	63	52	43	57	59	57	61	525	44
32. Wandsworth . . . L	39918	50770	*	*	*	17	18	18	15	21	27	17	133	10
33. Camberwell . . . LL	39931	54668	18	16	16	20	13	23	15	15	23	14	173	18
34. Rotherhithe	13940	17778	4	7	8	13	7	11	7	10	2	7	76	9
35. Greenwich . HHHP	81125	99404	55	43	58	33	44	52	36	54	52	41	468	42
36. Lewisham . . . *W*	23051	34831	*	*	*	*	*	*	7	2	17	7	33	11

† Seamen and others on board vessels in the docks and river are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841-50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 9220; which, divided by 10, gives 922 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 922 divided by 10 is about 92, which added to 922, makes the corrected average 1014. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 150 in 10 weeks; the average was 15; the corrected average 17. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831-41; 1·998 *per cent.* annually in the ten years, 1841-51; and 1·778 *per cent.* annually in the fifty years, 1801-51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841-50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5{\cdot}5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	.	1	1
1 Kensington [Town]	1	.	1
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	1	1
2 Chelsea [North West]	.	1	1
2 *St. George Hanover Square [Chelsea N.W.]*	.	.	.
3 St. George Hanover Square [May Fair]	.	.	.
4 Westminster [St. Margaret]	.	.	.
5 St. Martin-in-the-Fields [Charing Cross]	.	.	.
6 St. James Westminster [Golden Square]	1	.	1
7 Marylebone [Rectory]	2	4	6
9 *Strand [Tottenham Court]*	.	.	.
9 Pancras [Camden Town]	5	3	8
10 Islington [West]	.	.	.
11 Hackney [Hackney]	1	.	1
12 St. Giles [South]	2	4	6
14 Holborn [St. Andrew East]	.	.	.
15 Clerkenwell [St. James]	2	1	3
17 East London [St. Botolph]	.	1	1
18 *East London [West London North]*	.	.	.
18 West London [North]	1	.	1
20 Shoreditch [Haggerstone West]	4	1	5
20 *St. Luke [Hoxton New Town]*	1	.	1
21 Bethnal Green [The Green]	.	2	2
22 Whitechapel [Mile End New Town]	1	.	1
22 Whitechapel [North]	1	5	6
23 St. George-in-the-East [St. John]	1	2	3
24 Stepney [Shadwell]	.	2	2
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	2	.	2
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	1	2	3
25 Poplar [Poplar]	.	2	2
26 St. Saviour [Christchurch]	.	.	.
27 St. Olave [St. John Horselydown]	.	.	.
28 Bermondsey [St. Mary Magdalen]	1	1	2
29 St. George Southwark [Borough Road]	4	2	6
30 Newington [St. Peter Walworth]	2	1	3
31 Lambeth [Lambeth Church 2d]	2	2	4
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	.	.	.
33 Camberwell [Camberwell]	.	2	2
34 Rotherhithe	.	1	1
35 Greenwich [East]	3	3	6
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	38	44	82
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	4	.	4
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	1	.	1
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	5	.	5
General Hospitals:—			
3 St. George [Belgrave]	4	1	5
4 Westminster [St. Margaret]	.	.	.
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	1	1	2
9 University College [Tottenham Court]	3	.	3
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	1	2	3
18 St. Bartholomew [West London North]	6	3	9
22 London [Whitechapel Church]	1	.	1
27 Guy's [St. Olave and St. Saviour]	6	5	11
27 St. Thomas [St. Olave and St. Saviour]	2	4	6
Total	24	16	40
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	.	.	.
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	.	.
Total	.	.	.

	M.	F.	T.
HOSPITALS—*continued.*			
Lying-in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	.	.
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	.	.
Total	.	.	.
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	1	.	1
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	2	.	2
Total	3	.	3
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	1	.	1
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	1	.	1
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	38	44	82
Military and Naval Asylums	5	.	5
General Hospitals	24	16	40
Hospitals for Special Diseases	.	.	.
Lying-in Hospitals	.	.	.
Lunatic Asylums	.	.	.
Military and Naval Hospitals	3	.	3
Hospitals and Asylums for Foreigners	1	.	1
Prisons	.	.	.
Total in Public Institutions	71	60	131

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 11th October 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Difference between the mean temperature of the day and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Amount of Horizontal Movement of the Air in each day. Whewell's.	Rain in inches, read at 9h. p.m.
OCTOBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY . .	5	..	29·531	61·6	46·2	52·8	44·2	..	41·8	56·5	54·5	8·6	10·3	3·9	+0·2	S.W.	S.W.	4·2	0·0	0·8	265	0·00
MONDAY. .	6	..	29·621	62·5	46·4	53·8	43·8	..	39·0	56·0	54·0	10·0	15·3	6·8	+1·5	S.W.	W.	3·6	0·0	0·7	140	0·25
TUESDAY .	7	Apogee.	29·584	61·4	45·5	53·8	48·8	..	38·0	55·6	53·8	5·0	7·8	4·1	+1·8	S.W.	S.W.	5·0	0·0	0·6	145	0·05
WEDNESDAY	8	..	29·750	59·9	44·5	51·1	40·8	..	35·0	55·5	53·5	10·3	15·5	4·6	—0·7	S.W.	W.	2·4	0·0	0·2	65	0·00
THURSDAY.	9	In Equator.	29·694	58·2	38·4	50·8	48·1	..	34·0	55·5	53·5	2·7	4·0	1·7	—0·7	S.W.	S.W.	2·4	0·0	0·1	130	0·12
FRIDAY . .	10	Full.	29·923	70·1	56·5	61·2	56·3	..	46·0	56·0	54·0	4·9	7·1	3·2	+10·0	S.W.	S.W.	0·0	0·0	0·0	105	0·00
SATURDAY.	11	..	30·100	67·8	52·4	58·7	53·3	..	46·0	56·2	54·4	5·4	10·1	3·0	+7·9	S.W.	S.W.	1·0	0·0	0·0	105	0·00
MEANS . .		..	29·743	63·1	47·1	54·6	47·9	..	40·0	55·9	54·0	6·7	10·0	3·9	+2·9	S.W.		..	..	..	Sum 955	Sum 0·42
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	Positive, and tension moderate during the evening.
MONDAY . .	Nothing was shown throughout the day.
TUESDAY . .	Positive, and tension strong during the afternoon and evening.
WEDNESDAY	Positive, and tension strong during the morning and afternoon.
THURSDAY .	Nothing was shown throughout the day.
FRIDAY . .	Nothing was shown throughout the day.
SATURDAY .	Nothing was shown throughout the day.

GENERAL REMARKS.

The sky was generally one half covered with cloud during the morning and afternoon, at night it was clear; cumulostrati, cirrostrati, and loose scud.

Three fourths of the sky were covered until noon; one half until 6h. P.M., and overcast afterwards; cumuli, cumulostrati, and cirrostrati. Rain fell between 7h. and 9h. A.M.

The sky was overcast till 2h. P.M., and generally three fourths covered during the remainder of the day; cirrostratus. Rain fell frequently during the morning.

The sky was one half covered until noon, and the amount of cloud was variable during the remainder of the day; cumuli, cirrostrati, and loose clouds.

The sky was overcast throughout the day; cirrostratus. Rain fell generally during the morning and afternoon.

The sky was generally overcast till noon; three fourths were covered until 6h. P.M., and the amount of cloud was variable afterwards; cirrostratus, light scud, and fleecy clouds.

The sky was for the most part covered with cloud till noon; clear from this time until 10h. P.M., and the amount of cloud was variable afterwards; cumulostratus, cirrostratus, and scud.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9 h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 54·0°; and the mean reading at 9h. P.M. was 53·4°; the mean readings at the Royal Observatory for the same times were 54·3° and 52·2° respectively.

The reading of the barometer increased from 29·42 in. at the beginning of the week to 29·62 in. at 9h. P.M. on the 5th; decreased to 29·58 in. by 9h. A.M. on the 6th; increased to 29·69 in. by 9h. P.M. on the same day; decreased to 29·55 in. by 3h. P.M. on the 7th; increased to 29·82 in. by 9h. P.M. on the 8th; decreased to 29·66 in. by 3h. P.M. on the 9th; increased to 30·13 in. by 9h. A.M. on the 11th; and decreased to 30·08 in. by the end of the week.

The mean direction of the wind for the week is S.W.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, October 18. [No. 42.

HEALTH OF LONDON DURING THE WEEK.

The total number of deaths registered in the metropolitan districts in the week ending last Saturday was 981. They exhibit a small increase on those of the preceding week, when the amount was 953. Taking for comparison corresponding weeks of the ten years 1841–50, it appears that the average was 906; but if this average be raised in proportion to the increase of persons now living in London, it becomes 997, which differs not much from last week's mortality.

Last week 425 children died under 15 years of age, 367 persons who had reached 15 years, but had not attained to 60, and 184 who were of 60 years and upwards.

The Table of *Fatal Causes* shows that 229 persons, 158 of whom were children, were carried off by one or other of the twenty-one diseases that are classed as "epidemic." These diseases in the aggregate do not at present produce a mortality equal to the average of corresponding weeks; but under particular heads, namely, typhus and diarrhœa, the numbers exceed the usual amount at this season. Typhus was fatal in 67 cases last week (the average being 53), and this disease appears to be on the increase. In the Church sub-district of Bethnal-green three deaths from typhus occurred on the 11th, 12th, and 15th October, at the respective ages of 14, 16, and 23 years, the first in Cumberland-place, the second in North-street, and the third in Trafalgar-place. Mr. Briggs, the Registrar, reports that the occupiers in these localities complain of the bad state of the drains.

Scarlatina in this return numbers 43 cases, while the corrected average of corresponding weeks is 58. Though the mortality, as collected over the whole metropolis, is not remarkable, the complaint has fallen severely on particular families. At 3 Lower-chapman-street, in St. George in the East, the daughter of a shoemaker died at the age of 8 months from "exhaustion consequent on scarlatina (12 days)." This (says Mr. Chatwood) is the second child that has died in one family within 9 days. The father attributes the illness of both to noxious effluvia arising from an uncovered cesspool in the yard of the house. In Walworth, at Laurel Cottage, Hill-street, on the 9th and 13th of October, two daughters of a

musician, aged respectively 18 and 3 years, died of scarlatina, the former after 21 days' illness, the latter after 14 days." Mr. Turner, the Registrar, mentions that "four members of this family have died of this disease since the end of September, the first two severally on the 1st and 3d of October. Four others have been suffering from it, but are now recovering. The family, which consisted of 12 persons, occupy a small house of four rooms." In the same sub-district, at 26 Portland-street, the son of a journeyman brass-finisher, aged 3 years, died of "scarlatina (7 days)." This is the second death in the family from the same complaint within six days, one having occurred on the 9th, and the second on the 15th October. Also in Walworth, at 7 James-place, Hen-and-chicken-lane, two sons of a warehouseman, aged respectively 3 and 9 years, died, the former of "scarlatina maligna (7 days)," the latter of "scarlatina (1 month), dropsy (7 days)." Of five children in this family the two now mentioned died on the 12th and 15th October, two are convalescent, and one is in a doubtful condition. Besides the above, Mr. Turner in this Weekly Return reports three deaths from scarlatina in various streets, and adds that the disease is very prevalent throughout the whole of his district.

Fifteen deaths, only one of which was that of an adult, were registered last week as caused by small-pox. Two cases, in which it is stated that vaccination had been previously performed, occurred to a child of 7 months and a man aged 30 years. With reference to a case which proved fatal in Camden-town, and in which vaccination had been performed without effect, Mr. Holl states that two other children in the family had been successfully vaccinated and escaped the contagion. An infant is also registered this week who died of chicken-pox.

Diarrhœa, which numbers 42 deaths, continues to decline, though it is still rather more fatal than usual for this late period of the year. The following case also occurred on 12th October at 3 Port-place, St. Peter, Walworth :—A journeyman baker aged 43 years, "choleric disease of stomach and bowels (24 hours), death by asthenia."

Phthisis or consumption has been rather fatal during the week, the deaths resulting from it amounting to 138. This is a greater number than in any corresponding week of seven previous years. Fifteen deaths are ascribed to disease of the liver, in four of which cases the fatal complaint is specified as "cirrhosis." The four persons who died of cirrhosis were females.

In Hackney, on the 15th October, the daughter of a carpenter, aged 2 years, died from "inflammation of the intestines, caused by swallowing plum and cherry stones."

The births of 773 boys and 670 girls, in all 1443 children, were registered in the week. In the six corresponding weeks of the years 1845–50 the average number was 1313.

At the Royal Observatory, Greenwich, the mean reading of the barometer in the week was 29·729 in. On Sunday the mean daily reading was 30·144 in. The mean temperature of the week was 52·8°. The mean daily temperature was above the average of corresponding days in ten years on every day except Thursday and Friday. It was 60·4° on Sunday, or nearly 10 degrees above the average; after which it gradually fell to 45·9° on Friday. The wind was generally in the south-west.

The following selections are made from the Registrars' Reports :—

At 23 Gray's-inn-lane, on 15th October, the son of a tailor, aged 2 years, died of "diarrhœa and ulcerated bowels for 9 months." Mr. Holmes adds that "this is about the worst part of Gray's-inn-lane; some of the houses are in a filthy state."

In Camberwell, at 4 Elizabeth-place, Wyndham-road, on 15th October, the widow of a porter, aged 45 years, died of "disease of the heart and hypertrophy." Mr. Searle states that "this is the widow of Anthony Fawcett, who on the 30th ult. murdered two of his children, and afterwards committed suicide, being at the time in a state of insanity."

BIRTHS Registered LAST WEEK, and in the FORTY-SECOND Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL. . . .	1310	1287	1254	1166	1363	1502	1313	1443*
Males . . .	659	664	620	592	715	748	666	773
Females . .	651	623	634	574	648	754	647	670

DEATHS Registered LAST WEEK, and in the FORTY-SECOND Week of Ten previous Years.

	Ages.	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL. . .		775	866	1106	895	771	821	953	983	1028	860	905·8	981*
Males . .		385	424	572	458	384	441	471	503	524	439	460·1	499
Females .		390	442	534	437	387	380	482	480	504	421	445·7	482
Deaths at three periods of life . .	0—15	380	417	596	457	399	363	421	522	496	347	439·8	425
	15—60	260	290	308	277	223	288	324	307	333	333	294·3	367
	60 & up.	131	157	191	161	145	169	207	154	197	168	168·0	184

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

* The return for the sub-district of Mayfair has not been received in consequence of a vacancy in the office of Registrar. Averages of 4 births and 4 deaths, derived from the returns of the previous six weeks, are substituted; and the 4 deaths are placed in the Table of Diseases to *Causes not specified*.

BIRTHS and DEATHS Registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	July 26.	Aug. 2.	Aug. 9.	Aug. 16.	Aug. 23.	Aug. 30.	Sept. 6.	Sept. 13.	Sept. 20.	Sept. 27.	Oct. 4.	Oct. 11.	Oct. 18.
BIRTHS	1383	1451	1477	1500	1455	1401	1500	1429	1527	1484	1429	1415	1443
DEATHS	956	1010	1038	1061	956	1061	967	1026	1097	958	1014	953	981
DEATHS (except from Violence) . . .	936	992	1025	1037	944	1034	945	967	1068	907	944	930	959
Deaths (except from Violence) at 60 years and upwards . .	168	192	180	177	183	173	140	191	204	179	199	171	182
Scarlatina	18	14	25	17	18	20	29	27	41	41	48	55	43
Typhus	59	53	50	53	41	54	41	57	67	46	61	60	67
Diarrhœa & Dysentery	85	146	146	162	148	181	200	108	106	94	66	54	43
Cholera	12	12	16	28	19	28	17	17	7	9	4	4	1
Mean Temperature .	60°·0	63°·4	64°·1	64°·6	63°·8	56°·4	60°·5	57°·1	57°·3	54°·8	53°·2	54°·6	52°·8

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 52°·8—Oct. 18.			
	46°·2 Oct. 23 1841	43°·0 Oct. 22 1842	39°·7 Oct. 21 1843	49°·9 Oct. 19 1844	52°·0 Oct. 18 1845	51°·1 Oct. 17 1846	55°·1 Oct. 16 1847	44°·7 Oct. 21 1848	52°·4 Oct. 20 1849	49°·0 Oct. 19 1850	Mean 48°·3 Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	775	866	1106	895	771	821	953	983	1028	860	9058	425	367	184	981†
SPECIFIED CAUSES	772	856	1090	893	766	817	949	981	1027	846	8997	423	367	184	975†
1. Zymotic Diseases	163	158	272	226	223	166	311	393	277	198	2387	158	49	22	229
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	51	73	73	55	34	41	46	47	34	51	505	5	16	18	39
3. Tubercular Diseases	186	169	218	169	142	171	153	147	165	157	1677	66	128	5	199
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	89	97	115	106	84	103	92	87	126	99	998	35	41	21	97
5. Diseases of the Heart and Blood-vessels	20	21	20	35	28	40	24	29	27	34	278	1	23	12	36
6. Diseases of the Lungs, and of the other Organs of Respiration	84	142	145	105	94	98	106	102	145	119	1140	60	38	31	129
7. Diseases of the Stomach, Liver, and other Organs of Digestion	63	54	83	58	56	66	74	52	67	53	626	12	35	21	68
8. Diseases of the Kidneys, &c.	3	3	6	8	10	7	14	10	13	3	77	2	9	3	14
9. Childbirth, Diseases of the Uterus, &c.	9	10	12	11	12	10	21	4	6	7	102	..	9	..	9
10. Rheumatism, Diseases of the Bones, Joints, &c.	4	9	6	4	7	4	9	5	5	9	62	1	5	2	8
11. Diseases of the Skin, Cellular Tissue, &c.	..	2	..	1	..	..	3	3	3	..	12	..	2	..	2
12. Malformations	..	2	2	2	3	3	3	4	4	1	24	3	..	..	3
13. Premature Birth & Debility	19	21	16	17	14	26	10	19	24	16	182	27	..	..	27
14. Atrophy	6	9	13	16	7	22	16	26	39	20	174	34	1	..	35
15. Age	42	45	80	63	28	33	46	32	42	37	448	..	..	44	44
16. Sudden	14	17	15	4	5	4	7	4	10	7	87	5	2	3	11†
17. Violence, Privation, Cold, and Intemperance	19	24	14	13	19	23	14	17	40	35	218	14	9	2	25
1.—Small-pox	7	10	8	35	12	3	20	26	6	5	132	15	1	..	16
Measles	33	17	30	21	71	6	56	15	14	16	279	13	2	..	15
Scarlatina	16	41	58	81	20	30	55	147	41	38	527	42	1	..	43
Hooping Cough	42	25	47	12	39	22	15	30	26	23	281	14	..	..	14
Croup	4	5	13	10	7	6	7	8	4	3	67	5	..	..	5
Thrush	6	8	9	5	5	4	3	1	3	..	44	5	..	..	5
Diarrhœa	18	11	41	8	25	35	31	23	51	35	278	29	6	7	42
Dysentery	2	3	16	8	4	3	6	14	12	2	70	..	..	1	1
Cholera	..	3	2	..	4	2	2	45	41	4	103	..	1	..	1
Influenza	2	1	1	3	..	1	..	1	..	..	9	..	..	1	1
Purpura and Scurvy	..	1	1	..	..	..	1	2	1	..	6	..	..	..	..
Ague	..	2	..	..	..	..	2	..	1	..	5	..	..	..	..
Remittent Fever	..	1	..	..	3	1	2	2	..	3	12	3	..	..	3
Infantile Fever	*	*	*	*	*	*	*	..	..	..	..	1	..	..	1
Typhus	27	28	41	38	22	45	93	65	63	54	476	25	32	10	67
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	4	3	7	14	..	4	..	4
Rheumatic Fever	*	*	*	*	*	*	*	2	1	..	3	..	1	..	1
Erysipelas	5	1	4	4	7	5	14	5	8	7	60	2	1	3	6
Syphilis	1	..	1	1	4	3	3	3	2	1	19	3	..	..	3
Noma (or Canker)	*	*	*	*	..	..	1	..	..	..	1	1	..	..	1
Hydrophobia	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..
2.—Hæmorrhage	1	2	5	3	2	3	7	6	2	4	35	1	1	2	4
Dropsy	34	47	40	27	11	15	20	15	12	19	240	1	4	5	10
Abscess	2	4	6	2	3	..	2	2	1	1	23	1	1	..	2
Ulcer	..	..	1	1	..	..	..	2	2	1	7	1	..	..	1
Fistula	..	1	1	1	..	1	1	..	..	..	5	..	..	..	..
Mortification	4	1	4	2	3	4	2	3	2	4	29	..	..	3	3
Cancer	8	17	16	18	15	14	13	17	14	20	152	1	10	7	18
Gout	2	1	..	1	..	4	1	2	1	2	14	..	..	1	1
3.—Scrofula	5	2	7	..	4	2	5	6	10	7	48	5	5	..	10
Tabes Mesenterica	9	7	11	9	13	17	15	15	16	17	129	17	..	..	17
Phthisis (or Consumption)	149	121	165	133	96	125	113	103	110	120	1235	10	123	5	138
Hydrocephalus	23	39	35	27	29	27	20	23	29	13	265	34	..	..	34

* See Note, page 334.

† The age of a person who died "suddenly" was not stated. See also page 331.

in the FORTY-SECOND Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 52°·8—Oct. 18.			
	46°·2 Oct. 23 1841	43°·0 Oct. 22 1842	39°·7 Oct. 21 1843	49°·9 Oct. 19 1844	52°·0 Oct. 18 1845	51°·1 Oct. 17 1846	55°·1 Oct. 16 1847	44°·7 Oct. 21 1848	52°·4 Oct. 20 1849	49°·0 Oct. 19 1850	Mean 48°·3 Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	3	13	13	6	8	7	13	7	13	3	86	8	2	..	10
Apoplexy	19	16	18	25	12	13	15	18	26	31	193	5	13	8	26
Paralysis	16	12	8	11	21	18	15	13	18	15	147	..	6	8	14
Delirium Tremens	1	1	..	3	1	4	4	2	7	6	29	..	3	..	3
Chorea	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Epilepsy	2	1	4	6	4	14	2	3	6	5	47	..	7	..	7
Tetanus	..	..	1	1	2	..	..	2	..	..	6	..	..	..	..
Insanity	1	..	1	..	1	2	..	1	4	2	12	..	2	..	2
Convulsions	37	45	62	44	23	35	31	30	38	28	373	21	1	..	22
Disease of Brain, &c.	10	9	8	10	12	10	12	11	13	9	104	1	7	5	13
5.—Pericarditis	..	..	..	3	..	5	4	3	2	2	19	..	1	1	2
Aneurism	1	..	1	..	1	..	1	..	2	1	7	..	1	..	1
Disease of Heart, &c.	19	21	19	32	27	35	19	26	23	31	252	1	21	11	33
6.—Laryngitis	1	1	2	..	1	1	2	6	2	1	17	1	2	..	3
Bronchitis	3	15	14	17	31	27	27	31	42	37	244	21	11	21	53
Pleurisy	1	..	..	1	2	1	6	1	3	4	19	1	2	2	5
Pneumonia	52	92	100	74	49	56	44	43	80	53	643	37	15	3	55
Asthma	14	14	8	5	6	6	16	14	10	15	108	..	4	4	8
Disease of Lungs, &c.	13	20	21	8	5	7	11	7	8	9	109	..	4	1	5
7.—Teething	27	19	24	9	11	3	8	7	14	5	127	4	..	..	4
Quinsey	2	1	3	3	2	3	2	2	2	1	21	2	..	..	2
Gastritis }	17	13	25	2	..	1	..	1	..	1	140	1	2	1	4
Enteritis }				18	14	12	9	10	9	8		1	5	1	7
Peritonitis	..	2	..	3	2	5	5	1	7	7	32	1	4	..	5
Ascites	1	..	3	3	1	4	3	3	5	1	24	..	1	1	2
Ulceration (of Intestines)	1	2	1	..	2	1	6	3	2	2	20	..	3	1	4
Hernia	2	2	3	2	1	4	4	2	3	2	25	..	1	2	3
Ileus	2	4	1	4	2	1	4	2	..	5	25	1	1	2	4
Intussusception	..	1	..	..	1	..	1	..	..	..	3	..	..	..	..
Stricture of Intestinal Canal	..	2	1	..	..	1	1	..	2	..	7	..	..	1	1
Disease of Stomach, &c.	1	2	9	1	9	12	10	8	5	3	60	2	..	1	3
Disease of Pancreas	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
Hepatitis	1	2	1	4	3	3	4	2	1	5	26	..	5	2	7
Jaundice	4	2	1	3	1	3	4	6	6	2	32	..	5	2	7
Disease of Liver	5	2	11	6	6	12	13	5	11	11	82	..	8	7	15
Disease of Spleen	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
8.—Nephritis	1	..	..	1	2	..	..	..	1	..	5	1	..	..	1
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	3	..	1	4	1	2	1	4
Ischuria	..	..	..	..	..	..	3	..	..	..	3	..	1	..	1
Diabetes	..	1	..	..	..	..	..	1	3	..	5	..	1	..	1
Stone	1	..	1	1	3	..	..	..	2	..	8	..	..	..	..
Cystitis	1	..	..	..	..	..	..	1	..	..	2	..	..	..	..
Stricture of Urethra	..	..	..	2	2	1	..	3	..	..	8	..	2	..	2
Disease of Kidneys, &c.	..	2	5	4	3	6	11	2	7	2	42	..	3	2	5
9.—Paramenia	..	1	..	..	1	..	..	1	..	..	3	..	..	..	..
Ovarian Dropsy	..	2	..	..	1	..	..	1	2	..	6	..	1	..	1
Childbirth (*see* Metria)	7	5	9	6	8	9	21	1	3	4	73	..	6	..	6
Disease of Uterus, &c.	2	2	3	5	2	1	..	1	1	3	20	..	2	..	2
10.—Arthritis	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Rheumatism	3	5	1	2	3	1	4	5	4	4	32	1	3	1	5
Disease of Joints, &c.	1	4	5	2	4	3	4	..	1	5	29	..	2	1	3
11.—Carbuncle	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2
Phlegmon	..	..	..	1	..	..	1	..	1	..	3	..	..	..	..
Disease of Skin, &c.	..	2	..	..	..	..	2	3	2	..	9	..	..	..	..
17.—Intemperance	..	..	1	1	3	3	1	..	..	1	10	..	..	..	..
Privation of Food	..	1	..	..	..	1	..	..	1	..	3	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	4	2	2	8	3	..	..	3
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	1	1	..	..	..	..
Poison	*	*	*	*	*	*	*	..	..	1	1	1	..	..	1
Burns and Scalds	*	*	*	*	*	*	*	4	..	4	8	3	..	..	3
Hanging and Suffocation	*	*	*	*	*	*	*	1	3	1	5	3	1	..	4
Drowning	*	*	*	*	*	*	*	2	7	2	11	2	..	..	2
Fractures	*	*	*	*	*	*	*	5	23	20	48	1	5	2	8
Wounds	*	*	*	*	*	*	*	1	3	3	7	..	2	..	2
Other Violence	*	*	*	*	*	*	*	..	1	..	1	1	1	..	2
All Violence	19	23	13	12	16	19	13	13	37	31	196	11	9	2	22
Causes not specified	3	10	16	2	5	4	4	2	1	14	61	2	..	..	6†

* See Note, page 334.

† The age of a person who died "suddenly" was not stated. See also page 331.

Deaths Registered in the Forty-second Week of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION† in		Mean Temperature for the Week ending Saturday,											
			46°·2	43°·0	39°·7	49°·9	52°·0	51°·1	55°·1	44°·7	52°·4	49°·0	Mean 48°·3	52°·8
			Oct. 23	Oct. 22	Oct. 21	Oct. 19	Oct. 18	Oct. 17	Oct. 16	Oct. 21	Oct. 20	Oct. 19	Sum of 10 Weeks.	Oct. 18
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948369	2361640	775	866	1106	895	771	821	953	983	1028	860	9058	981
1–6. West Districts .	301189	376332	108	136	144	145	109	129	136	135	163	123	1328	167
7–11. North Districts .	376568	490441	133	167	187	140	127	118	163	161	172	148	1516	191
12–19. Central Districts	374199	392986	179	165	215	185	161	174	179	166	169	147	1740	187
20–25. East Districts .	393067	485336	187	200	263	180	170	191	216	214	248	232	2101	195
26–36. South Districts .	503346	616545	168	198	297	245	204	209	259	307	276	210	2373	241
1. Kensington . . . HL	74898	119990	37	25	26	28	31	27	41	36	41	34	326	55
2. Chelsea . . . . *W*H	40243	56543	14	24	25	23	15	20	26	25	23	29	224	23
3. St. George Hanover-sq. H	66657	73207	20	33	31	30	17	27	15	25	43	17	258	28
4. Westminster. . HHPP	56802	65609	19	22	36	28	24	39	28	33	26	25	280	31
5. St. Martin-in-the-Flds. H	25132	24557	8	16	15	15	8	11	12	6	11	9	111	16
6. St. James Westminster .	37457	36426	10	16	11	21	14	5	14	10	19	9	129	14
7. Marylebone . . . H	138383	157679	56	62	72	52	43	40	60	58	66	53	562	55
8. Hampstead	140078	11986	*	*	*	*	*	*	2	5	3	4	14	2
9. Pancras . . . *W*HH		167198	51	64	78	57	55	46	67	38	56	50	562	73
10. Islington . . . HHP	55779	95154	17	29	13	20	24	22	21	42	28	24	240	40
11. Hackney . . . . H	42328	58424	9	12	24	11	5	10	13	18	19	17	138	21
12. St. Giles	54378	54062	21	27	33	29	18	29	27	16	25	25	250	39
13. Strand (wkh. in 9) . H	43667	44446	16	18	31	17	14	20	23	23	15	23	200	14
14. Holborn	44532	46571	18	21	17	14	30	16	20	22	12	14	184	24
15. Clerkenwell . . PP	56799	64705	29	20	41	28	21	24	30	21	40	15	269	27
16. St. Luke (wkh. in 20) L	49908	54058	21	19	32	28	25	16	24	28	19	15	227	23
17. East London . . . P	39718	44407	25	17	19	15	20	19	19	17	20	22	193	16
18. West London *W*HPPP	29188	28829	31	22	20	33	20	35	21	21	19	14	236	27
19. City of Lon. (wkh. in 25)	56009	55908	18	21	22	21	13	15	15	18	19	19	181	17
20. Shoreditch . . *W*L	83564	109209	35	47	48	41	37	44	41	48	71	49	461	46
21. Bethnal Green . . L	74206	90170	32	46	48	33	22	34	34	38	36	36	359	22
22. Whitechapel . . . H	71879	79756	41	46	50	26	30	37	45	32	41	68	416	40
23. St. George-in-the-East .	41416	48375	28	22	29	16	20	26	38	36	22	15	252	22
24. Stepney . . . . H	90831	110669	37	31	65	49	39	38	36	43	49	42	429	44
25. Poplar. . . . *W*L	31171	47157	14	8	23	15	22	12	22	17	29	22	184	21
26. St. Saviour . . HH	33027	35729	13	16	26	19	14	13	15	39	18	6	179	18
27. St. Olave . . . HH	19869	19367	11	22	19	17	13	22	19	20	7	19	169	18
28. Bermondsey	35002	48128	12	13	26	14	19	12	16	33	29	15	189	16
29. St. Geo. Southwk. LPP	46718	51825	21	31	32	34	18	15	32	33	23	26	265	27
30. Newington . . . P	54693	64805	19	20	27	30	19	24	19	29	35	30	252	28
31. Lambeth	116072	139240	38	36	75	50	42	48	59	54	60	32	494	52
32. Wandsworth . . . L	39918	50770	*	*	*	12	8	16	12	11	15	14	88	21
33. Camberwell . . . LL	39931	54668	15	19	19	23	22	14	28	21	23	20	204	16
34. Rotherhithe	13940	17778	4	4	16	6	16	2	7	9	13	8	85	5
35. Greenwich . HHHP	81125	99404	35	37	57	40	33	43	43	53	40	34	415	31
36. Lewisham. . . . *W*	23051	34831	*	*	*	*	*	*	9	5	13	6	33	9

† Seamen and others on board vessels in the docks and river are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

Note.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 9058; which divided by 10 gives 906 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 906 divided by 10 is about 91, which added to 906, makes the corrected average 997. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 132 in 10 weeks; the average was 13; the corrected average 14. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831–41; 1·998 *per cent.* annually in the ten years, 1841–51; and 1·778 *per cent.* annually in the fifty years, 1801–51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$, so $r^{5\cdot5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	.	1	1
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	1	.	1
2 Chelsea [North West]	3	.	3
2 *St. George Hanover Square [Chelsea N.W.]*	.	.	.
3 St. George Hanover Square [May Fair]	.	.	.
4 Westminster [St. Margaret]	4	1	5
5 St. Martin-in-the-Fields [Charing Cross]	.	.	.
6 St. James Westminster [Golden Square]	3	.	3
7 Marylebone [Rectory]	7	3	10
9 *Strand [Tottenham Court]*	.	2	2
9 Pancras [Camden Town]	5	1	6
10 Islington [West]	.	2	2
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	3	.	3
14 Holborn [St. Andrew East]	.	2	2
15 Clerkenwell [St. James]	2	1	3
17 East London [St. Botolph]	.	3	3
18 *East London [West London North]*	.	.	.
18 West London [North]	3	.	3
20 Shoreditch [Haggerstone West]	.	3	3
20 *St. Luke [Hoxton New Town]*	.	.	.
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	.	4	4
23 St. George-in-the-East [St. John]	.	3	3
24 Stepney [Shadwell]	.	1	1
24 Stepney [Ratcliff]	.	2	2
24 Stepney [Mile End Old Town Lower]	1	.	1
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	.	3	3
25 Poplar [Poplar]	1	.	1
26 St. Saviour [Christchurch]	1	1	2
27 St. Olave [St. John Horselydown]	1	1	2
28 Bermondsey [St. Mary Magdalen]	.	1	1
29 St. George Southwark [Borough Road]	2	2	4
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2d]	4	2	6
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	2	.	2
33 Camberwell [Camberwell]	.	.	.
34 Rotherhithe	.	.	.
35 Greenwich [East]	1	1	2
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	44	40	84
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	2	.	2
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	.	.	.
2 Royal Military Asylum Chelsea [South] Boys	1	.	1
Total	3	.	3
General Hospitals:—			
3 St. George [Belgrave]	6	2	8
4 Westminster [St. Margaret]	2	1	3
5 Charing Cross [Charing Cross]	.	1	1
7 Middlesex [All Souls]	.	.	.
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's Inn Lane]	.	.	.
13 King's College [St. Clement Danes]	3	.	3
18 St. Bartholomew [West London North]	14	2	16
22 London [Whitechapel Church]	1	2	3
27 Guy's [St. Olave and St. Saviour]	6	3	9
27 St. Thomas [St. Olave & St. Saviour]	3	.	3
Total	35	11	46
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	.	.	.
10 Fever [Islington West]	1	2	3
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	3	1	4
Total	4	3	7

	M.	F.	T.
HOSPITALS—*continued.*			
Lying-in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northum. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	1	.	1
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	2	1	3
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	.	.
Total	3	1	4
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	2	.	2
36 Dreadnought Ship (for Seamen, Greenwich West)	1	.	1
Total	3	.	3
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	1	.	1
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	1	.	1
Workhouses	44	40	84
Military and Naval Asylums	3	.	3
General Hospitals	35	11	46
Hospitals for Special Diseases	4	3	7
Lying-in Hospitals	.	.	.
Lunatic Asylums	3	1	4
Military and Naval Hospitals	3	.	3
Hospitals and Asylums for Foreigners	.	.	.
Prisons	1	.	1
Total in Public Institutions	93	55	148

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 18th October 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Difference between the Dew Point Temperature and Air Temperature. Greatest.	Difference between the Dew Point Temperature and Air Temperature. Least.	Difference between the mean temperature of the day and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	Wind as deduced from Anemometer. Osler's. General Direction. P.M.	Pressure in lbs. on the square foot. Greatest.	Pressure in lbs. on the square foot. Least.	Pressure in lbs. on the square foot. Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
OCTOBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY .	12	..	30·144	70·0	54·4	60·4	54·3	..	47·0	57·0	55·0	6·1	11·6	2·7	+9·7	S.W.	S.W.	0·0	0·0	0·0	150	0·00
MONDAY .	13	..	29·955	65·1	54·5	57·7	51·8	..	50·0	57·2	55·0	5·9	10·1	4·0	+7·3	S.W.	S.W.	1·0	0·0	0·1	115	0·00
TUESDAY .	14	..	29·794	64·4	48·0	55·5	48·3	..	50·0	57·5	55·5	7·2	10·3	4·4	+5·4	S.W.	W.	0·0	0·0	0·0	90	0·02
WEDNESDAY	15	..	29·236	59·4	46·5	51·3	48·1	..	41·5	57·4	54·6	3·2	4·6	2·9	+1·6	S.	S.W. & N.W.	5·0	0·0	0·5	175	0·45
THURSDAY .	16	..	29·408	56·6	37·4	46·5	37·9	..	31·0	56·8	54·2	8·6	13·8	2·6	—2·5	S.W.	S.W.	0·0	0·0	0·0	55	0·01
FRIDAY . .	17	Greatest Dec. N.	29·742	52·8	34·7	45·9	33·0	..	29·0	55·5	53·5	12·9	11·8	0·0	—2·4	S.W.	N.W. & S.W.	0·0	0·0	0·0	110	0·00
SATURDAY .	18	Last Quarter	29·826	58·8	39·3	52·1	47·3	..	35·0	55·5	53·8	4·8	7·8	2·9	+4·4	S.	W.S.W.	3·5	0·0	0·5	180	0·00
MEANS . .		..	29·729	61·0	45·0	52·8	45·8	..	40·5	56·7	54·5	7·0	10·0	2·8	+3·3	S.W.		..	..	..	Sum 875	Sum 0·48
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	
MONDAY. .	
TUESDAY .	
WEDNESDAY	Oct. 12th, 10h. A.M. Positive, with moderate tension. This was the only exhibition of electricity during the week.
THURSDAY .	
FRIDAY . .	
SATURDAY .	

GENERAL REMARKS.

The sky was generally three fourths covered with cloud throughout the day; cirrostratus.

The clouds were occasionally broken during the afternoon, otherwise the sky was covered with cloud throughout the day; cumulostrati and cirrostrati. Rain fell slightly during the evening.

Three fourths of the sky were covered until near noon, and overcast during the remainder of the day; cirrostratus and scud.

The sky was overcast throughout the day; cirrostratus. Rain fell generally until 7h. P.M.

The sky was free from cloud till 10h. A.M., from this time until 5h. P.M. one half was covered, and clear during the remainder of the day; cumuli and cumulostrati.

The sky was for the most part clear until near noon; three fourths were covered till 6h. P.M., and clear afterwards; cumulostrati, cirrostrati, and haze.

The sky was generally covered with cloud until the evening, and the amount that prevailed was variable afterwards; cirrostratus. Misty rain fell occasionally.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R.S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, —*lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 53·3°; and the mean reading at 9h. P.M. was 50·0°; the mean readings at the Royal Observatory for the same times were 53·4° and 48·7° respectively.

The reading of the barometer increased from 30·09 in. at the beginning of the week to 30·16 in. at 10h. A.M., and continued at about this value till after 5h. P.M., when it turned to decrease, and was 29·20 in. at 9h. P.M. on the 15th; increased to 29·85 in. by 9h. A.M. on the 18th; and decreased to 29·83 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, October 25. [No. 43.

HEALTH OF LONDON DURING THE WEEK.

The total number of deaths registered in the metropolitan districts in the week ending last Saturday was 977. In the corresponding weeks of ten years 1841–50 the number was not so great as that of last week, except in two instances, namely, in 1843 and 1848, when it rose above 1100; while the average was 929. But if this average, for the sake of better comparison, be raised in proportion to the increased population of the present time, it will become 1022, and last week's return will show a decrease of 45 on the estimated amount.

There is a considerable increase in cases arising from epidemics; the number in this class of diseases having risen from 242 and 229, the numbers returned respectively in the two previous weeks, to 268 in the last. The two epidemics which attract notice in the table are scarlatina and typhus, the fatality from both being evidently on the increase, and the former having 67 deaths assigned to it, the latter 79.

At 1 Dean-street, St. Dunstan's, in West London (South), on the 24th October, the daughter of a compositor died of dropsy consequent on scarlatina. Mr. Nason states that "this is the third death in a family of six children, all of whom (as reported a fortnight ago) have had scarlatina." In the Town sub-district of Bethnal-green at 18 Nelson-street two children of a typefounder, aged 6 and 8 years, died of scarlatina maligna after 10 and 11 days' illness; and in the same house two sons of a sawyer died, one of "fits from worms (5 days)," and the other of "scarlatina maligna (5 days)." Mr. Gregory adds, that "the house in which these four children died between the 15th and 24th October is situated in a street which is badly drained, and which has no communication with any sewer." A family is also mentioned, who reside at 29 London-street, Ratcliff, where two children of a labourer died of the same disease.

Among fatal cases of fever is one which occurred at 17 Charlotte-street in Whitechapel; the deceased, as stated by the Registrar, having been "a very valuable officer of the Whitechapel Union, who caught fever in the discharge of his official duties."

Small-pox was fatal last week to 22 persons, of whom all, with only two exceptions, were children under 10 years. In only two cases, those of a boy of 5 years and a girl of 10, it is stated that vaccination had been previously performed.

In Spitalfields, at 6 Paternoster-row, the son and two daughters of a licensed victualler died within a week, of confluent small-pox, all without vaccination. The house (Mr. Deboos reports) is close, the situation confined, and also unwholesome from bad drainage and noxious effluvia.

With reference to two fatal cases which occurred, one in Britannia-row, Islington, and another in Windsor-street, both without vaccination, Mr. Butterfield observes, that he is constantly in the habit of recommending parents to have their children vaccinated, but a strong impression exists that vaccination is the means of inducing other diseases, and it is surprising how many persons object to it on this ground.

Diarrhœa exhibits a further decline, and numbers only 30 in the present return. Cholera Anglica carried off the child of a labourer, aged 3 months, after 5 days illness, at 6 St. Peter-street, Walworth-common. Mr. Turner remarks, that "the street is without drainage, and on one side of it is a quantity of filthy stagnant water that smells very offensively. A child died at No. 7 in the same street, on the 9th July, of the same disease, after 26 hours' illness."

Other epidemics, besides those already mentioned, present nothing of unusual character. Thirteen children died of measles, 11 of hooping-cough, 7 of croup, 5 of thrush, one of purpura, one of remittent fever, one of infantile fever. Eleven persons died of erysipelas, 3 of rheumatic fever, 2 of influenza, 4 of dysentery, 5 (of whom 3 were children) of syphilis; and 10 women died after childbirth, to half of whom the cause of death appears to have been puerperal fever.

The class next to epidemics, as regards the amount of mortality ascribed to it, is the "Tubercular," in which are enumerated 174 cases. These are distributed thus: to scrofula 9, tabes mesenterica 17, hydrocephalus 25, phthisis or consumption 123. The last-mentioned malady destroys more lives than any other single disease on the list, but is not more fatal than usual at present.

At 6 St. George's-court, Bluegate-fields, the son of a labourer, aged 10 years, died of "phthisis (2 months) hæmoptysis." The medical certificate adds, that the disease was "brought into action by swallowing a bean which passed into the left lung three months ago." A *post mortem* examination was made.

Of 177 persons whose ages were 60 years and upwards it appears that 86 were men and 91 were women. Of these aged persons 59 died before they reached 70 years, 83 were 70 years and under 80, 31 between 80 and 90, and 4, all women, were 90 years and upwards.

The births of 876 boys and 797 girls, in all 1673 children, were registered in the week. The average number of six corresponding weeks in 1845–50 was 1327.

At the Royal Observatory, Greenwich, the barometer was high; the mean daily reading on Thursday was 30·134 in., on Friday 30·258 in., and on Saturday 30·256 in.

The mean of the week was 30·042 in. The mean daily temperature was also high, and on every day of the week exceeded the average of the corresponding days of 10 years. On Sunday and Monday the mean temperature was about 58°, and exceeded the average by about 10°. On Tuesday it fell to 56·4°, and was then about 9° above the average. On Wednesday it fell to 51·7°, and on Saturday to 50°, but on all the last four days it still exceeded the average by an amount varying from 3 to 7 degrees. The mean temperature of the week was 54·5°, and showed an excess above the average of 7 degrees. The wind was in the south-west in the beginning of the week, calm in the middle, and in the north-east on the last two days.

Births Registered last Week, and in the Forty-third Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
Total . . .	1265	1337	1257	1411	1328	1362	1327	1673
Males . . .	639	705	650	718	686	693	682	876
Females . .	626	632	607	693	642	669	645	797

Deaths Registered last Week, and in the Forty-third Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
Total . .		792	967	1116	935	774	882	967	1107	902	845	928·7	977*
Males . .		393	504	567	478	395	437	481	568	442	417	468·2	512
Females .		399	463	549	457	379	445	486	539	460	428	460·5	465
	Ages.												
Deaths at three periods of life . .	0—15	367	488	571	506	404	351	473	570	416	368	451·4	470
	15—60	266	303	316	275	245	346	322	364	292	297	302·6	326
	60 & up.	158	175	209	154	124	184	170	172	194	169	170·9	177

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

*The Return of deaths for the sub-district of Mayfair was not received in time for insertion in the Tables. An average of 4 was taken instead, and in the Table of Diseases was placed to *Causes not specified*. The true number is now ascertained to be 4.

Births and Deaths Registered in London in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Aug. 2.	Aug. 9.	Aug. 16.	Aug. 23.	Aug. 30.	Sept. 6.	Sept. 13.	Sept. 20.	Sept. 27.	Oct. 4.	Oct. 11.	Oct. 18.	Oct. 25.
Births	1451	1477	1500	1455	1401	1500	1429	1527	1484	1429	1415	1443	1673
Deaths	1010	1038	1061	956	1061	967	1026	1097	958	1014	953	981	977
Deaths (except from Violence) . . .	992	1025	1037	944	1034	945	967	1068	907	944	930	959	958
Deaths (except from Violence) at 60 years and upwards . .	192	180	177	183	173	140	191	204	179	199	171	182	171
Scarlatina	14	25	17	18	20	29	27	41	41	48	55	43	67
Typhus	53	50	53	41	54	41	57	67	46	61	60	67	79
Diarrhœa & Dysentery	146	146	162	148	181	200	108	106	94	66	54	43	34
Cholera	12	16	23	19	28	17	17	7	9	4	4	1	1
Mean Temperature .	63°·4	64°·1	64°·6	63°·8	56°·4	60°·5	57°·1	57°·3	54°·8	53°·2	54°·6	52°·8	54°·5

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 54°·5—Oct. 25.			
	45°·3 Oct. 30 1841	40°·3 Oct. 29 1842	45°·9 Oct. 28 1843	46°·6 Oct. 26 1844	47°·3 Oct. 25 1845	49°·5 Oct. 24 1846	53°·3 Oct. 23 1847	51°·5 Oct. 28 1848	55°·0 Oct. 27 1849	42°·3 Oct. 26 1850	Mean 47°·7 Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	792	967	1116	935	774	882	967	1107	902	845	9287	470	326	177	977†
SPECIFIED CAUSES	784	957	1091	932	772	882	965	1106	902	832	9223	467	326	177	970
1. Zymotic Diseases	142	176	239	248	196	183	298	455	229	188	2354	190	64	14	268
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	55	60	75	47	40	48	41	36	36	41	479	8	15	14	37
3. Tubercular Diseases	173	192	180	172	149	171	166	166	139	146	1654	65	98	11	174
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	81	112	125	106	87	98	103	114	108	97	1031	50	46	30	126
5. Diseases of the Heart and Blood-vessels	12	22	20	35	31	35	34	26	41	38	294	3	27	13	43
6. Diseases of the Lungs, and of the other Organs of Respiration	103	197	215	139	107	128	115	120	132	120	1376	60	22	27	109
7. Diseases of the Stomach, Liver, and other Organs of Digestion	63	62	68	47	49	54	68	61	58	49	579	14	23	11	48
8. Diseases of the Kidneys, &c.	9	6	7	2	13	13	10	10	11	19	100	..	9	8	17
9. Childbirth, Diseases of the Uterus, &c.	8	15	13	8	5	25	13	7	16	8	118	..	5	..	5
10. Rheumatism, Diseases of the Bones, Joints, &c.	6	5	3	6	8	10	5	12	6	3	64	1	5	..	6
11. Diseases of the Skin, Cellular Tissue, &c.	1	1	..	1	1	2	3	1	2	3	15	..	1	..	1
12. Malformations	..	1	1	1	5	5	2	3	1	2	21	4	..	..	4
13. Premature Birth & Debility	17	22	23	28	22	17	18	24	19	22	212	34	1	..	35
14. Atrophy	7	7	15	14	17	22	24	15	25	17	163	26	1	..	27
15. Age	68	61	76	52	30	47	38	34	39	37	482	..	..	43	43
16. Sudden	14	7	12	7	..	2	8	3	8	20	81	2	..	..	2
17. Violence, Privation, Cold, and Intemperance	25	11	19	19	12	22	19	19	32	22	200	10	9	6	25
1.—Small-pox	4	1	13	54	8	3	43	47	7	5	185	21	1	..	22
Measles	19	23	34	22	52	5	54	16	20	24	269	13	..	..	13
Scarlatina	13	46	58	88	25	33	42	182	33	32	552	66	1	..	67
Hooping Cough	53	27	28	18	27	22	14	33	16	24	262	11	..	..	11
Croup	8	11	10	5	4	3	10	5	5	5	66	7	..	..	7
Thrush	7	5	11	5	6	6	2	2	3	4	51	5	..	..	5
Diarrhœa	10	4	31	7	24	30	33	38	42	27	246	23	2	5	30
Dysentery	3	8	11	2	3	5	4	8	9	3	56	..	2	2	4
Cholera	..	1	..	1	..	2	..	34	25	3	66	1	..	..	1
Influenza	1	..	2	1	1	..	..	..	2	1	8	1	..	1	2
Purpura and Scurvy	1	..	..	..	1	1	1	1	1	..	6	1	..	..	1
Ague	..	..	..	3	..	1	1	2	..	..	7	..	..	..	..
Remittent Fever	..	..	..	2	1	2	3	2	2	2	14	1	..	..	1
Infantile Fever	*	*	*	*	*	*	*	..	..	..	..	1	..	..	1
Typhus	18	44	36	29	33	61	78	74	52	49	474	30	44	5	79
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	5	4	2	11	..	5	..	5
Rheumatic Fever	*	*	*	*	*	*	*	..	1	..	1	..	3	..	3
Erysipelas	5	5	4	8	10	9	9	5	7	4	66	6	4	1	11
Syphilis	..	1	1	3	1	..	3	1	..	3	13	3	2	..	5
Noma (or Canker)	*	*	*	*	..	..	1	..	..	..	1	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	3	4	4	5	2	4	1	3	3	4	33	..	1	2	3
Dropsy	35	36	47	33	15	18	18	19	8	13	242	6	3	5	14
Abscess	3	4	3	..	2	3	1	1	2	4	23	1	..	..	1
Ulcer	..	..	..	1	..	4	..	1	2	..	8	..	..	..	..
Fistula	..	..	1	..	..	..	..	1	..	..	2	..	..	..	..
Mortification	5	4	4	4	1	2	1	2	4	1	28	1	..	1	2
Cancer	8	9	16	3	17	15	19	9	15	19	130	..	11	6	17
Gout	1	3	..	1	3	2	1	..	2	..	13	..	..	..	..
3.—Scrofula	..	4	4	6	9	5	4	10	4	5	51	7	2	..	9
Tabes Mesenterica	6	6	12	10	12	12	20	14	13	8	113	17	..	..	17
Phthisis (or Consumption)	135	150	132	121	97	127	113	124	97	114	1210	16	96	11	123
Hydrocephalus	32	32	32	35	31	27	29	18	25	19	280	25	..	..	25

* See Note, page 342. † See page 339.

in the FORTY-THIRD Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851			
	45°·3	40°·3	45°·9	46°·6	47°·3	49°·5	53°·3	51°·5	55°·0	42°·3	Mean 47°·7	54°·5—Oct. 25.			
	Oct. 30 1841	Oct. 29 1842	Oct. 28 1843	Oct. 26 1844	Oct. 25 1845	Oct. 24 1846	Oct. 23 1847	Oct. 28 1848	Oct. 27 1849	Oct. 26 1850	Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	7	12	7	12	11	9	10	14	12	3	97	8	2	..	10
Apoplexy	17	21	25	14	10	24	26	34	25	16	212	1	9	12	22
Paralysis	8	9	16	12	17	16	17	20	17	26	158	..	13	14	27
Delirium Tremens	..	..	..	..	2	2	2	4	1	1	12	..	5	..	5
Chorea	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Epilepsy	1	4	3	4	7	5	7	6	4	5	46	..	6	1	7
Tetanus	..	..	1	..	..	1	..	..	2	..	4	..	..	..	..
Insanity	4	2	2	2	2	1	1	2	..	1	17	..	6	2	8
Convulsions	35	55	62	54	29	27	29	25	41	35	392	36	..	..	36
Disease of Brain, &c.	9	9	9	8	9	13	11	8	6	10	92	5	5	1	11
5.—Pericarditis	..	2	2	3	2	4	1	..	..	1	15	..	2	..	2
Aneurism	..	1	..	..	..	2	..	2	..	1	6	..	2	..	2
Disease of Heart, &c.	12	19	18	32	29	29	33	24	41	36	273	3	23	13	39
6.—Laryngitis	1	..	3	..	2	..	3	2	3	2	16	3	..	..	3
Bronchitis	9	13	26	18	24	41	32	48	50	54	315	16	10	17	43
Pleurisy	1	4	..	4	1	5	4	2	2	5	28	1	1	1	3
Pneumonia	65	131	145	83	67	52	59	51	61	45	759	37	3	5	45
Asthma	8	29	28	17	5	16	9	12	8	8	140	..	4	3	7
Disease of Lungs, &c.	19	20	13	17	8	14	8	5	8	6	118	3	4	1	8
7.—Teething	21	14	24	10	10	6	8	5	8	3	109	3	..	..	3
Quinsey	1	..	1	1	..	2	1	3	2	4	15	1	..	..	1
Gastritis	17	23	16	2	1	2	..	2	2	..	119	..	..	1	1
Enteritis				13	4	5	9	7	7	9		4	4	1	9
Peritonitis	1	..	..	..	7	5	8	6	2	..	29	..	2	..	2
Ascites	..	..	2	..	2	..	6	..	5	5	20	..	1	1	2
Ulceration (of Intestines)	3	1	1	2	2	3	..	4	3	2	21	..	1	..	1
Hernia	2	2	5	1	..	2	3	7	3	2	27	..	1	..	1
Ileus	..	4	3	2	..	6	3	2	2	1	23	..	..	1	1
Intussusception	..	..	..	4	..	1	..	..	..	..	5	1	..	..	1
Stricture of Intestinal Canal	1	..	..	1	..	..	1	2	..	..	5	..	..	..	..
Disease of Stomach, &c.	4	1	6	2	4	10	10	8	5	5	55	3	4	3	10
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	..	1	2	2	5	3	7	2	1	3	26	..	4	1	5
Jaundice	2	5	2	1	2	..	2	1	6	3	24	1	..	1	2
Disease of Liver	11	11	5	6	12	8	10	10	11	12	96	1	6	2	9
Disease of Spleen	..	..	1	..	..	1	..	2	1	..	5	..	..	..	..
8.—Nephritis	2	..	..	..	..	..	1	..	1	..	4	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	3	3	4	10	..	3	..	3
Ischuria	..	..	..	..	..	1	..	..	..	1	2	..	..	..	..
Diabetes	..	1	..	..	1	..	1	..	..	1	4	..	..	..	..
Stone	1	..	..	1	1	..	1	..	..	1	5	..	1	2	3
Cystitis	..	..	..	..	1	..	..	..	1	..	2	..	1	..	1
Stricture of Urethra	1	..	3	..	3	1	1	..	1	1	11	..	..	1	1
Disease of Kidneys, &c.	5	5	4	1	7	11	6	7	5	11	62	..	4	5	9
9.—Paramenia	..	..	1	..	1	1	..	..	1	..	4	..	..	..	..
Ovarian Dropsy	..	..	..	1	..	2	..	1	..	..	4	..	..	..	..
Childbirth (*see* Metria)	8	10	8	5	4	14	11	3	9	4	76	..	5	..	5
Disease of Uterus, &c.	..	5	4	2	..	8	2	3	6	4	34	..	..	..	..
10.—Arthritis	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
Rheumatism	3	3	1	3	4	5	4	6	3	3	35	..	4	..	4
Disease of Joints, &c.	3	2	2	3	4	4	1	6	3	..	28	1	1	..	2
11.—Carbuncle	..	..	..	..	1	..	1	..	..	1	3	..	1	..	1
Phlegmon	..	..	..	..	..	..	1	1	1	1	4	..	..	..	..
Disease of Skin, &c.	1	1	..	1	..	2	1	..	1	1	8	..	..	..	..
17.—Intemperance	2	..	..	..	1	4	2	..	..	1	10	..	..	..	..
Privation of Food	..	..	..	..	..	..	1	..	..	1	2	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	2	3	4	9	6	..	..	6
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	3	1	..	4	..	2	..	2
Burns and Scalds	*	*	*	*	*	*	*	2	2	2	6	..	..	1	1
Hanging and Suffocation	*	*	*	*	*	*	*	..	6	4	10	2	2	..	4
Drowning	*	*	*	*	*	*	*	6	4	5	15	..	..	1	1
Fractures	*	*	*	*	*	*	*	3	14	3	20	2	5	3	10
Wounds	*	*	*	*	*	*	*	3	2	..	5	..	..	1	1
Other Violence	*	*	*	*	*	*	*	..	..	2	2	..	..	..	..
All Violence	23	11	19	19	11	18	16	17	29	16	179	4	9	6	19
Causes not specified	8	10	25	3	2	..	2	1	..	13	64	3	..	..	7†

* See Note, page 342. † See page 339.

Deaths Registered in the Forty-third Week of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION† in		Mean Temperature for Week ending Saturday,											
			° 45·3	° 40·3	° 45·9	° 46·6	° 47·3	° 49·5	° 53·3	° 51·5	° 55·0	° 42·3	Mean 47°·7	° 54·5
			Oct. 30	Oct. 29	Oct. 28	Oct. 26	Oct. 25	Oct. 24	Oct. 23	Oct. 28	Oct. 27	Oct. 26	Sum of 10 Weeks.	Oct. 25
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948369	2361640	792	967	1116	935	774	882	967	1107	902	845	9287	977
1-6. West Districts .	301189	376332	98	140	159	151	103	136	151	179	112	137	1371	126
7-11. North Districts .	376568	490441	165	174	174	149	131	158	170	162	154	158	1595	183
12-19. Central Districts	374199	392986	131	187	223	167	143	165	171	164	133	144	1628	161
20-25. East Districts .	393067	485336	193	229	269	193	188	209	215	264	241	158	2159	221
26-36. South Districts .	503346	616545	205	237	291	275	204	214	260	338	262	248	2534	236
1. Kensington . . . HL	74898	119990	18	33	21	38	21	33	40	42	24	37	307	39
2. Chelsea . . . . *W*H	40243	56543	15	24	29	10	20	22	26	24	18	26	214	16
3. St. George Hanover-sq. H	66657	73207	28	26	33	42	19	25	24	31	21	31	280	29
4. Westminster . HHPP	56802	65609	20	17	43	35	17	33	29	53	24	23	294	14
5. St. Martin-in-the-Flds. H	25132	24557	8	22	17	12	8	11	10	12	11	13	124	14
6. St. James Westminster .	37457	36426	9	18	16	14	23	12	22	17	14	7	152	14
7. Marylebone . . . H	138383	157679	76	72	59	57	49	55	58	54	44	54	578	64
8. Hampstead . . . . }	140078	11986	*	*	*	*	*	*	1	1	6	3	11	3
9. Pancras . . . *W*HH }		167198	50	63	78	50	52	57	73	68	56	62	609	60
10. Islington . . . HHP	55779	95154	19	21	18	25	19	29	23	32	29	24	230	47
11. Hackney . . . . H	42328	58424	20	18	19	17	11	17	15	7	19	15	158	9
12. St. Giles	54378	54062	27	24	36	19	22	25	26	21	11	29	240	21
13. Strand (wkh. in 9) . H	43667	44446	18	26	26	15	11	16	16	18	9	12	167	13
14. Holborn	44532	46571	9	21	27	24	21	19	18	26	25	20	210	15
15. Clerkenwell . . PP	56799	64705	24	30	22	28	22	27	25	28	18	18	242	32
16. St. Luke (wkh. in 20) L	49908	54058	9	20	34	32	19	27	22	18	11	25	217	23
17. East London . . . P	39718	44407	14	14	27	18	20	13	24	19	15	9	173	24
18. West London *W*HPPP	29188	28829	13	32	29	14	8	21	23	19	22	17	198	13
19. City of Lon. (wkh. in 25)	56009	55908	17	20	22	17	20	17	17	15	22	14	181	20
20. Shoreditch . . *W*L	83564	109209	34	47	54	46	36	43	65	72	61	35	493	43
21. Bethnal Green . . L	74206	90170	34	46	44	44	35	41	38	49	40	26	397	44
22. Whitechapel . . . H	71879	79756	54	57	61	36	39	43	36	41	50	34	451	41
23. St. George in the East .	41416	48375	23	25	24	22	17	24	17	23	24	12	211	21
24. Stepney . . . . H	90831	110669	38	38	61	39	48	41	39	64	45	32	445	53
25. Poplar . . . *W*L	31171	47157	10	16	25	6	13	17	20	15	21	19	162	19
26. St. Saviour . . HH	33027	35729	13	15	33	28	12	19	19	22	16	20	197	33
27. St. Olave . . . HH	19869	19367	17	20	37	19	11	23	22	21	25	19	214	16
28. Bermondsey	35002	48128	15	16	27	21	15	17	21	33	15	18	198	31
29. St. Geo. Southwk. LPP	46718	51825	23	31	37	29	25	15	33	32	29	26	280	24
30. Newington . . . P	54693	64805	28	19	26	25	19	25	23	21	36	16	238	30
31. Lambeth	116072	139240	58	65	54	60	39	48	53	80	49	52	558	61
32. Wandsworth . . . L	39918	50770	*	*	*	18	8	13	10	22	19	14	104	21
33. Camberwell . . . LL	39931	54668	18	14	21	19	19	14	19	19	25	23	191	22
34. Rotherhithe	13940	17778	6	12	8	9	14	6	7	8	4	8	82	1
35. Greenwich . HHHP	81125	99404	27	45	48	47	42	34	40	69	36	42	430	26
36. Lewisham . . . *W*	23051	34831	*	*	*	*	*	*	13	11	8	10	42	11

† Seamen and others on board vessels in the docks and river are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

Note.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841-50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 9287; which, divided by 10, gives 929 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 929 divided by 10 is about 93, which added to 929, makes the corrected average 1022. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 185 in 10 weeks; the average was 19; the corrected average 21. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831-41; 1·998 *per cent.* annually in the ten years, 1841-51; and 1·778 *per cent.* annually in the fifty years, 1801-51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841-50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5{\cdot}5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	1	2	3
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	1	.	1
2 Chelsea [North West]	.	3	3
2 *St. George Hanover Square* [*Chelsea N.W.*]	.	.	.
3 St. George Hanover Square [May Fair]	.	.	.
4 Westminster [St. Margaret]	.	1	1
5 St. Martin-in-the-Fields [Charing Cross]	2	1	3
6 St. James Westminster [Golden Square]	1	1	2
7 Marylebone [Rectory]	3	2	5
9 *Strand* [*Tottenham Court*]	.	2	2
9 Pancras [Camden Town]	4	2	6
10 Islington [West]	.	2	2
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	2	1	3
14 Holborn [St. Andrew East]	3	3	6
15 Clerkenwell [St. James]	1	.	1
17 East London [St. Botolph]	.	1	1
18 *East London* [*West London North*]	.	.	.
18 West London [North]	.	.	.
20 Shoreditch [Haggerstone West]	3	1	4
20 *St. Luke* [*Hoxton New Town*]	3	2	5
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	3	1	4
22 Whitechapel [North]	.	1	1
23 St. George-in-the-East [St. John]	2	2	4
24 Stepney [Shadwell]	.	.	.
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	1	.	1
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City* [*Bow*]	.	1	1
25 Poplar [Poplar]	.	.	.
26 St. Saviour [Christchurch]	.	.	.
27 St. Olave [St. John Horselydown]	.	.	.
28 Bermondsey [St. Mary Magdalen]	.	2	2
29 St. George Southwark [Borough Road]	2	1	3
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2d]	4	3	7
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	2	.	2
33 Camberwell [Camberwell]	.	1	1
34 Rotherhithe	.	.	.
35 Greenwich [East]	.	.	.
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	38	36	74
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	6	.	6
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	.	.	.
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	6	.	6
General Hospitals:—			
3 St. George [Belgrave]	.	1	1
4 Westminster [St. Margaret]	2	.	2
5 Charing Cross [Charing Cross]	1	1	2
7 Middlesex [All Souls]	2	.	2
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	2	1	3
13 King's College [St. Clement Danes]	2	1	3
18 St. Bartholomew [West London North]	4	2	6
22 London [Whitechapel Church]	4	.	4
27 Guy's [St. Olave and St. Saviour]	4	1	5
27 St. Thomas [St. Olave and St. Saviour]	2	4	6
Total	23	11	34
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	.	.	.
10 Fever [Islington West]	3	4	7
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	1	1
Total	3	5	8

	M.	F.	T.
HOSPITALS — *continued.*			
Lying-in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	1	1
21 Warburton's [Bethnal Green]	4	3	7
25 Lunatic Asylum [Bow]	1	1	2
29 Bethlem [London Road]	1	1	2
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	2	3
33 Peckham House [Camberwell]	1	.	1
33 Camberwell House [Camberwell]	1	.	1
Total	9	8	17
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	1	.	1
Total	1	.	1
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	1	.	1
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	1	.	1
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	1	1
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	4	.	4
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	4	1	5
Workhouses	38	36	74
Military and Naval Asylums	6	.	6
General Hospitals	23	11	34
Hospitals for Special Diseases	3	5	8
Lying-in Hospitals	.	.	.
Lunatic Asylums	9	8	17
Military and Naval Hospitals	1	.	1
Hospitals and Asylums for Foreigners	1	.	1
Prisons	4	1	5
Total in Public Institutions	85	61	146

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 25th October 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
OCTOBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY . .	19	..	29·888	61·6	54·5	58·1	51·1	..	45·0	56·4	54·5	6·8	7·8	3·4	+9·9	W.S.W.	S.W.	0·0	0·0	0·0	135	0·00
MONDAY. .	20	..	29·969	63·8	54·7	58·3	54·1	..	49·0	56·2	54·5	4·2	5·6	2·8	+10·5	S.W.	S.W.	0·0	0·0	0·0	15	0·00
TUESDAY .	21	..	29·869	62·9	53·3	56·4	50·5	..	49·0	56·0	54·5	5·9	9·0	3·8	+8·9	Calm	E.	0·0	0·0	0·0	15	0·00
WEDNESDAY	22	..	29·918	54·4	51·5	51·7	46·2	..	50·8	56·0	54·4	5·5	11·6	3·8	+4·4	Calm	Calm	0·0	0·0	0·0	5	0·00
THURSDAY.	23	Perigee. In Equator.	30·134	57·8	50·5	53·2	45·8	..	50·5	55·8	54·4	7·4	11·0	4·2	+5·9	Calm	Calm	0·0	0·0	0·0	..	0·00
FRIDAY . .	24	New	30·258	59·1	50·9	53·9	49·3	..	50·0	55·8	54·2	4·6	7·9	3·8	+6·7	Calm	N.E.	0·0	0·0	0·0	20	0·00
SATURDAY.	25	..	30·256	55·8	43·1	50·0	45·6	..	37·3	55·8	53·8	4·4	8·6	3·8	+3·0	N.E.	N.E.	0·0	0·0	0·0	15	0·00
MEANS . .		..	30·042	59·3	51·2	54·5	48·9	..	47·4	56·0	54·3	5·6	8·8	3·7	+7·0			..	..	..	Sum 505	Sum 0·00
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	
MONDAY . .	
TUESDAY . .	Oct. 23d, 3h. P.M. Positive, and tension weak. This was the only exhibition of electricity during the week.
WEDNESDAY	
THURSDAY .	
FRIDAY . .	
SATURDAY .	

GENERAL REMARKS.

SUNDAY . .	The sky was overcast throughout the day; cirrostratus.
MONDAY . .	The sky was overcast throughout the day; cirrostratus.
TUESDAY . .	The clouds were slightly broken during the afternoon, otherwise the sky was overcast throughout the day; cumulostrati, cirrostrati, and scud. Misty rain fell during the morning.
WEDNESDAY	The sky was overcast throughout the day; cirrostratus.
THURSDAY .	The sky was overcast throughout the day; cirrostratus.
FRIDAY . .	The sky was overcast throughout the day; cirrostratus.
SATURDAY .	The sky was overcast throughout the day; cirrostratus.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9 h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4,7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 56·0°; and the mean reading at 9h. P.M. was 55·4°; the mean readings at the Royal Observatory for the same times were 54·7° and 54·0° respectively.

The reading of the barometer increased from 29·83 in. at the beginning of the week to 29·98 in. by 9h. P.M. on the 20th; decreased to 29·85 in. by 3h. P.M. on the 21st; began to increase after 9h. P.M., and continued to increase, with slight exceptions, to 30·29 in. by 9h. A.M. on the 25th; after which it decreased to 30·22 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, November 1. [No. 44.

HEALTH OF LONDON DURING THE WEEK.

The week ending last Saturday exhibits a considerable decrease in the mortality, compared with the amount in any of the three previous weeks of October. Lately the deaths in London have never been less than 950, and they have generally risen much above that sum, but last week they declined to 861. In the ten corresponding weeks of the years 1841–50 the average was 956; and if this average be raised in proportion to the greater amount of population at the present time, it will become 1052, compared with which the last return shows a decrease of 191.

The zymotic or epidemic class of diseases, though it produces more than a fourth part of the total mortality, exhibits a decline on the preceding week, the number having fallen from 268 to 222. The corrected average is 248. Typhus and scarlatina indicate a slight reduction on the previous week, but they still number considerably more than any other disease in the same class; to the former 60 fatal cases are referred, to the latter 50. Small-pox was fatal to 12 children and 5 adults; measles to 13 children, hooping-cough to 19, croup to 5, thrush to 2, cholera to one, purpura hæmorrhagica to 2, intermittent fever to one, remittent fever to one, infantile fever to one, syphilis to 2, and noma, or cancrum oris, to one. One person died of influenza and 7 of erysipelas.

With reference to a case of "malignant small-pox (14 days duration)," it is stated that the deceased, a girl six years old, had not been vaccinated because her mother had previously lost one of her children about six weeks after vaccination, which she blamed as the means of its death, though the real cause was inflammation of the lungs.

Diarrhœa was fatal last week to 26 children and to 8 persons of mature age. It seems to prevail at present to nearly the same extent as has been usual in corresponding weeks of the last five years. On the 25th October a child of 3 weeks died at 7 Tyssen-street, Bethnal-green, of "cholera infantum (5 days)."

On the 30th October the son of a labourer, aged 7 years, died in Middlesex Hospital of "otitis, febris, scarlatina." He had been brought from 59 Castle-street-east. In the same street, at No. 14, the daughter of a cooper, aged 3 years, died on 26th October of "hooping-cough (6 months), pneumonia (1 month)." With reference to this latter house, Mr. Wallington, the Registrar of All Souls, Marylebone, reported three weeks ago, that it was very defective in ventilation and drainage, in a dirty condition, and let out in single rooms, and that five deaths had occurred in it since 13th May, three of which were from scarlatina. A sixth death

has now been registered, as stated above, and the medical attendant in this case states that he happened to attend a delivery which took place there under the most painful circumstances many months ago, and on that occasion he forewarned the tenants of the consequences that would result from the "filthy and disgusting" condition of the house in which they lived. Having been Superintending Inspector of Bilston and Darlaston in 1832, and of various metropolitan districts in 1849, he adds that a worse case of nuisance than the present never came under his observation, and that in his opinion it would fully justify the strongest measures of repression.

In Hoxton, Old Town, at 24 Upper-John-street, three sons of a salesman, aged respectively 13 years, 11 years, and 13 months, died, two on the 29th October, and one on the 30th, of scarlatina, followed in one case by hydrocephalus and in two by hydrothorax. Mr. Packer, the Registrar, mentions that four deaths from scarlatina have occurred in this family within the last ten days, and that two other children are at present lying dangerously ill of the same disease. The drainage is good. Typhus and scarlatina are now very prevalent throughout the whole of the sub-district.

At 13 Woburn-mews-west a coachman, aged 34 years, died on 31st October of "typhus (20 days)." Mr. Yardley, the Registrar of St. George, Bloomsbury, observes that his "informant had mentioned nothing regarding the state of the premises which was likely to generate typhus, except, what is not unusual in stables, the existence of a common privy under the stairs leading from the stable to the loft, from which a very offensive smell sometimes proceeds." The wife of the deceased is now lying ill, and so far as the Registrar could learn, her complaint appears to be of a typhoid character.

In this Return the number of deaths ascribed to phthisis is 111, which is less than the average; from other diseases of the lungs the aggregate mortality is 105, showing a great decrease on the ordinary amount at this season, for in corresponding weeks the deaths ranged from 120 to 189. In this class stand laryngitis and laryngismus stridulus, which were fatal to 5 children.

One person died of intemperance, one of destitution, and 5 infants from want of breast milk. On the 24th October a surgery attendant, aged 50 years, died in Westminster Hospital from "a dissection wound," after 10 days illness. Erysipelas occurred 3 days before death.

Last week the births of 759 boys and 721 girls, in all 1480 children, were registered. The average number in six corresponding weeks of 1845–50 was 1387.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer was 30·043 in. on Sunday; the mean of the week was 29·623 in. The mean daily temperature was 49·9° on Sunday, 51·3° on Monday, 48·4° on Tuesday, and on these three days it was above the average of corresponding days in ten years. On Wednesday it fell to 42·8°, and was below the average on that and the following three days. The mean temperature of the week was 46·3°, showing a considerable decrease on that of the preceding week, when it was 54·5°. The wind blew generally from the north-west.

NOTE by Mr. Goodhugh, Registrar of the sub-district of St. George-the-Martyr and St. Andrew Western (Holborn).

In the week ending 1st November I have registered only one death in a population of 18,809, a fact which indicates the healthy condition of the sub-district. The deaths registered between the 19th March and 29th October are 185; the births during the same period 337, showing an excess of the latter over the former of 152.

BIRTHS Registered LAST WEEK, and in the FORTY-FOURTH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL. . . .	1291	1345	1291	1461	1416	1519	1387	1480*
Males . . .	628	691	658	734	712	770	699	759
Females . .	663	654	633	727	704	749	688	721

DEATHS Registered LAST WEEK, and in the FORTY-FOURTH Week of Ten previous Years.

	Ages.	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL. . . .		813	956	1060	966	948	977	945	1115	837	945	956·2	861*
Males . .		410	467	525	486	481	490	452	565	404	464	474·4	436
Females .		403	489	535	480	467	487	493	550	433	481	481·8	425
Deaths at three periods of life . .	0—15	365	464	570	490	484	393	465	567	416	444	465·8	398
	15—60	291	298	275	314	311	363	311	388	251	306	310·8	276
	60 & up.	156	193	205	161	151	220	169	159	169	194	177·7	169

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

* The returns for four sub-districts have not been received in time for insertion in the Tables. Averages derived from the returns of six preceding weeks are substituted; and in the Table of Diseases the average deaths (17) are placed to *Causes not specified*. The averages for City-road are 20 births and 6 deaths; for Mile-end New Town, 10 births and 7 deaths; for St. Nicholas, Deptford, 6 births and 3 deaths; and for Eltham, one birth and one death. The true numbers for three sub-districts are now ascertained; namely, City-road, 20 births and 6 deaths (the same as the averages); Mile-end New Town, 11 births and 6 deaths; and in Eltham neither birth nor death was registered.

BIRTHS and DEATHS Registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Aug. 9.	Aug. 16.	Aug. 23.	Aug. 30.	Sept. 6.	Sept. 13.	Sept. 20.	Sept. 27.	Oct. 4.	Oct. 11.	Oct. 18.	Oct. 25.	Nov. 1.
BIRTHS	1477	1500	1455	1401	1500	1429	1527	1484	1429	1415	1443	1673	1480
DEATHS	1038	1061	956	1061	967	1026	1097	958	1014	953	981	977	861
DEATHS (except from Violence) . . .	1025	1037	944	1034	945	967	1068	907	944	930	959	958	845
Deaths (except from Violence) at 60 years and upwards . .	180	177	183	173	140	191	204	179	199	171	182	171	167
Scarlatina	25	17	18	20	29	27	41	41	48	55	43	67	50
Typhus	50	53	41	54	41	57	67	46	61	60	67	79	60
Diarrhœa & Dysentery	146	162	148	181	200	108	106	94	66	54	43	34	36
Cholera	16	28	19	28	17	17	7	9	4	4	1	1	1
Mean Temperature .	64°·1	64°·6	63°·8	56°·4	60°·5	57°·1	57°·3	54°·8	53°·2	54°·6	52°·8	54°·5	46°·3

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 46°·3—Nov. 1.			
	46°·3 Nov. 6 1841	42°·4 Nov. 5 1842	47°·4 Nov. 4 1843	44°·5 Nov. 2 1844	47°·3 Nov. 1 1845	43°·6 Oct. 31 1846	49°·3 Oct. 30 1847	44°·9 Nov. 4 1848	50°·3 Nov. 3 1849	46°·3 Nov. 2 1850	Mean 46°·2 Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	813	956	1060	966	948	977	945	1115	837	945	9562	398	276	169	861†
SPECIFIED CAUSES	805	941	1045	961	943	973	943	1112	834	939	9496	397	274	167	839†
1. Zymotic Diseases	130	144	247	215	221	165	278	423	214	212	2249	161	46	15	222
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	60	58	50	55	47	48	37	44	37	41	477	5	21	23	49
3. Tubercular Diseases	165	164	167	167	170	198	165	158	162	158	1674	55	92	9	156
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	108	108	115	118	111	116	102	108	93	116	1095	35	22	21	78
5. Diseases of the Heart and Blood-vessels	18	26	25	30	36	47	27	42	28	51	330	4	16	13	33
6. Diseases of the Lungs, and of the other Organs of Respiration	125	178	189	153	161	152	122	125	120	138	1463	51	22	32	105
7. Diseases of the Stomach, Liver, and other Organs of Digestion	53	48	61	55	49	71	66	59	48	49	559	18	25	10	54†
8. Diseases of the Kidneys, &c.	3	6	6	8	16	13	11	6	13	8	90	..	2	4	6
9. Childbirth, Diseases of the Uterus, &c.	13	11	12	19	12	22	13	12	8	6	128	..	13	1	14
10. Rheumatism, Diseases of the Bones, Joints, &c.	3	8	5	10	3	11	12	11	2	7	72	1	2	..	3
11. Diseases of the Skin, Cellular Tissue, &c.	..	1	1	1	..	2	3	2	1	3	14	2	..	..	2
12. Malformations	..	..	2	1	2	..	2	10	3	1	21	6	..	..	6
13. Premature Birth & Debility	22	35	21	25	14	20	17	23	16	30	223	31	3	..	34
14. Atrophy	7	9	23	13	14	18	30	21	21	35	191	15	..	1	16
15. Age	52	85	84	66	39	49	36	33	38	41	523	..	..	33	33
16. Sudden	22	17	18	10	11	10	3	16	10	10	127	1	1	3	5
17. Violence, Privation, Cold, and Intemperance	24	43	19	15	37	31	19	19	20	33	260	12	9	2	23
1.—Small-pox	5	8	2	36	5	5	28	36	9	9	143	12	5	..	17
Measles	18	22	34	31	87	12	43	11	16	21	295	13	..	..	13
Scarlatina	14	44	66	72	11	22	61	135	41	41	507	48	2	..	50
Hooping Cough	38	21	51	15	47	21	12	27	22	20	274	19	..	..	19
Croup	10	7	11	5	6	1	4	3	7	8	62	5	..	..	5
Thrush	5	2	3	3	7	3	6	4	6	1	40	2	..	..	2
Diarrhœa	9	5	19	10	12	26	25	38	31	19	194	26	3	5	34
Dysentery	2	2	7	4	4	3	7	4	9	3	45	..	2	..	2
Cholera	..	..	1	..	2	1	1	65	11	3	84	1	..	..	1
Influenza	..	1	6	2	1	1	1	3	3	2	20	..	1	..	1
Purpura and Scurvy	..	1	..	..	..	..	2	1	..	..	4	2	..	..	2
Ague	1	..	..	..	1	..	1	..	..	2	5	1	..	..	1
Remittent Fever	..	..	1	..	..	1	1	2	4	..	9	1	..	..	1
Infantile Fever	*	*	*	*	*	*	*	1	1	2	4	1	..	..	1
Typhus	24	25	41	28	28	55	73	77	37	65	453	24	27	9	60
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	5	6	7	18	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	..	2	1	3	..	..	..	..
Erysipelas	3	5	5	8	6	11	12	8	6	7	71	3	3	1	7
Syphilis	1	1	..	1	4	2	1	3	3	1	17	2	..	..	2
Noma (or Canker)	*	*	*	*	..	1	..	..	..	..	1	1	..	..	1
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	1	3	3	1	2	3	3	1	2	6	25	2	..	1	3
Dropsy	39	43	27	35	20	17	13	16	15	11	236	2	10	10	22
Abscess	2	..	2	3	..	4	1	..	1	2	15	1	..	..	1
Ulcer	..	..	..	1	2	1	1	2	..	2	9	..	..	..	..
Fistula	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mortification	6	1	6	6	5	5	4	3	2	5	43	..	1	5	6
Cancer	11	10	12	9	16	17	15	22	16	15	143	..	9	7	16
Gout	1	1	..	..	2	1	..	..	1	..	6	..	1	..	1
3.—Scrofula	..	2	2	2	6	6	5	4	3	4	34	2	2	..	4
Tabes Mesenterica	3	2	8	8	15	15	13	17	19	20	120	12	..	..	12
Phthisis (or Consumption)	136	134	126	128	115	137	116	110	113	112	1227	13	90	8	111
Hydrocephalus	26	26	31	29	34	40	31	27	27	22	293	28	..	1	29

* See Note, page 350.

† The age of a person whose death is ascribed to "disease of liver" is not stated. See also page 347.

in the FORTY-FOURTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 46°·3—Nov. 1.			
	46°·3	42°·4	47°·4	44°·5	47°·3	43°·6	49°·3	44°·9	50°·3	46°·3	Mean 46°·2				
	Nov. 6	Nov. 5	Nov. 4	Nov. 2	Nov. 1	Oct. 31	Oct. 30	Nov. 4	Nov. 3	Nov. 2	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
4.—Cephalitis	8	6	12	7	15	15	14	7	5	13	102	7	1	..	8
Apoplexy	16	17	15	21	24	30	21	25	11	17	197	2	6	10	18
Paralysis	20	14	11	14	10	14	17	15	26	20	161	..	3	10	13
Delirium Tremens	5	1	4	1	4	4	5	1	3	4	32	..	5	..	5
Chorea	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
Epilepsy	1	2	2	5	4	3	7	3	7	9	43	..	2	..	2
Tetanus	..	..	..	..	..	1	..	..	..	1	2	..	..	..	..
Insanity	..	1	..	1	5	..	3	4	..	3	17	..	..	..	..
Convulsions	47	58	66	56	34	43	22	37	31	38	432	24	..	..	24
Disease of Brain, &c.	11	9	5	12	15	6	13	16	10	11	108	2	5	1	8
5.—Pericarditis	1	..	..	2	4	1	4	..	..	8	20	..	2	..	2
Aneurism	1	..	2	..	1	1	2	..	1	2	10	..	2	..	2
Disease of Heart, &c.	16	26	23	28	31	45	21	42	27	41	300	4	12	13	29
6.—Laryngitis	..	..	..	1	3	4	3	3	5	..	19	5	..	..	5
Bronchitis	3	12	16	28	45	46	36	43	34	59	322	17	9	21	47
Pleurisy	8	2	1	1	2	2	1	5	..	1	23	2	..	..	2
Pneumonia	75	133	140	97	90	63	62	57	70	61	848	27	9	3	39
Asthma	20	20	23	13	12	14	9	8	7	5	131	..	3	8	11
Disease of Lungs, &c.	19	11	9	13	9	23	11	9	4	12	120	..	1	..	1
7.—Teething	17	23	20	15	7	8	4	5	6	15	120	8	..	..	8
Quinsey	1	3	1	3	..	3	2	1	3	1	18	2	1	..	3
Gastritis	13	10	17	1	..	1	3	2	..	2	120	..	1	1	2
Enteritis				12	8	14	13	10	6	8		2	2	..	4
Peritonitis	1	..	2	2	5	4	9	5	4	2	34	..	3	1	4
Ascites	..	..	1	4	1	2	1	..	2	1	12	..	1	..	1
Ulceration (of Intestines)	3	..	2	..	1	2	3	1	2	..	14	..	2	1	3
Hernia	..	2	3	2	2	2	2	1	..	1	15	..	..	..	..
Ileus	2	2	2	1	2	3	1	3	1	..	17	1	..	..	1
Intussusception	..	..	1	..	..	..	1	1	..	1	4	1	..	..	1
Stricture of Intestinal Canal	1	1	..	..	1	..	..	2	..	..	5	..	1	..	1
Disease of Stomach, &c.	2	2	7	5	6	7	4	7	6	2	48	2	5	..	7
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	..	1	..	..	4	3	1	6	4	..	19	..	3	1	4
Jaundice	1	3	..	2	2	6	1	4	..	4	23	2	1	1	4
Disease of Liver	12	1	5	8	9	16	21	11	14	12	109	..	4	5	10†
Disease of Spleen	..	..	..	..	1	..	..	..	..	..	1	..	1	..	1
8.—Nephritis	1	..	..	..	..	..	1	..	1	..	3	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	1	4	4	9	..	1	..	1
Ischuria	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
Diabetes	..	..	1	1	4	1	1	..	1	1	10	..	1	..	1
Stone	..	1	..	..	1	1	..	..	..	..	3	..	..	1	1
Cystitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Stricture of Urethra	..	..	2	1	2	2	1	1	..	..	9	..	..	1	1
Disease of Kidneys, &c.	2	5	2	6	9	9	8	4	7	3	55	..	..	2	2
9.—Paramenia	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
Ovarian Dropsy	..	..	2	2	2	..	..	1	1	1	9	..	1	..	1
Childbirth (*see* Metria)	12	9	8	15	7	17	10	7	3	3	91	..	8	..	8
Disease of Uterus, &c.	1	2	2	2	3	4	3	4	4	2	27	..	4	1	5
10.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	1	3	4	5	3	7	2	5	2	4	36	..	2	..	2
Disease of Joints, &c.	2	5	1	5	..	4	10	6	..	3	36	1	..	..	1
11.—Carbuncle	..	..	..	1	..	..	..	2	..	..	3	..	..	..	..
Phlegmon	..	..	..	..	..	1	2	..	..	1	4	..	..	..	..
Disease of Skin, &c.	..	1	1	..	..	1	1	..	1	2	7	2	..	..	2
17.—Intemperance	1	2	..	1	3	1	2	1	2	..	13	..	1	..	1
Privation of Food	1	..	1	1	2	1	..	2	1	..	9	..	1	..	1
Want of Breast-milk	*	*	*	*	*	*	*	..	2	6	8	5	..	..	5
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	2	1	3	6	1	4	..	5
Burns and Scalds	*	*	*	*	*	*	*	..	2	6	8	..	..	..	..
Hanging and Suffocation	*	*	*	*	*	*	*	1	..	2	3	2	..	..	2
Drowning	*	*	*	*	*	*	*	4	1	..	5	1	1	..	2
Fractures	*	*	*	*	*	*	*	6	8	15	29	2	2	1	5
Wounds	*	*	*	*	*	*	*	3	1	1	5	..	..	..	..
Other Violence	*	*	*	*	*	*	*	..	2	..	2	1	..	1	2
All Violence	22	41	18	13	32	29	17	16	15	27	230	7	7	2	16
Causes not specified	8	15	15	5	5	4	2	3	3	6	66	1	2	2	22†

* See Note, page 350.

† The age of a person whose death is ascribed to "disease of liver" is not stated. See also page 347.

DEATHS Registered in the FORTY-FOURTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION† in		Mean Temperature for the Week ending Saturday,											
			46°·3	42°·4	47°·4	44°·5	47°·3	43°·6	49°·3	44°·9	50°·3	46°·3	Mean 46°·2 Sum of 10 Weeks.	46°·3
			Nov. 6	Nov. 5	Nov. 4	Nov. 2	Nov. 1	Oct. 31	Oct. 30	Nov. 4	Nov. 3	Nov. 2		Nov. 1
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948369	2361640	813	956	1060	966	948	977	945	1115	837	945	9562	861
1–6. WEST DISTRICTS .	301189	376332	140	137	155	123	141	125	122	156	117	110	1326	128
7–11. NORTH DISTRICTS .	376568	490441	148	164	219	160	141	167	191	161	167	181	1699	177
12–19. CENTRAL DISTRICTS	374199	392986	166	187	211	211	219	178	170	168	151	174	1835	133
20–25. EAST DISTRICTS .	393067	485336	158	182	229	207	198	221	192	259	180	213	2039	190
26–36. SOUTH DISTRICTS .	503346	616545	201	286	246	265	249	286	270	371	222	267	2663	233
1. Kensington . . . HL	74898	119990	29	27	30	28	27	21	36	42	34	28	302	33
2. Chelsea . . . . *W*H	40243	56543	24	27	23	21	29	24	16	31	24	17	236	24
3. St. George Hanover-sq. H	66657	73207	31	33	32	15	29	17	31	24	20	15	247	22
4. Westminster. . HHPP	56802	65609	29	23	38	28	33	42	20	30	20	25	288	27
5. St. Martin-in-the-Flds. H	25132	24557	11	11	15	18	12	8	7	11	13	11	117	9
6. St. James Westminster .	37457	36426	16	16	17	13	11	13	12	18	6	14	136	13
7. Marylebone . . . H	138383	157679	69	50	80	57	55	70	62	55	57	62	617	64
8. Hampstead . . . . }	140078	11986	*	*	*	*	*	*	2	3	1	3	9	2
9. Pancras . . . *W*HH }		167198	48	74	96	55	48	55	71	63	68	68	646	57
10. Islington . . . HHP	55779	95154	19	20	22	27	29	24	27	22	21	31	242	39
11. Hackney . . . . H	42328	58424	12	20	21	21	9	18	29	18	20	17	185	15
12. St. Giles	54378	54062	36	31	32	23	31	23	25	11	26	26	264	27
13. Strand (wkh. in 9) . H	43667	44446	13	21	16	29	23	19	18	20	16	25	200	13
14. Holborn	44532	46571	18	14	21	23	24	17	21	25	16	20	199	16
15. Clerkenwell . . PP	56799	64705	25	34	41	32	31	35	31	28	12	26	295	15
16. St. Luke (wkh. in 20) L	49908	54058	21	28	29	28	32	23	19	28	20	22	250	12
17. East London . . . P	39718	44407	18	17	27	25	24	19	19	16	26	12	203	19
18. West London *W*HPPP	29188	28829	13	22	29	36	38	25	15	20	15	26	239	16
19. City of Lon. (wkh. in 25)	56009	55908	22	20	16	15	16	17	22	20	20	17	185	15
20. Shoreditch . . *W*L	83564	109209	29	43	43	46	39	51	39	64	34	40	428	54
21. Bethnal Green . . L	74206	90170	31	34	44	31	24	37	29	35	38	41	344	25
22. Whitechapel . . . H	71879	79756	32	37	40	32	53	56	48	51	40	41	430	36
23. St. George-in-the-East .	41416	48375	20	21	29	26	29	30	27	21	20	22	245	15
24. Stepney . . . . H	90831	110669	36	35	57	57	38	32	40	66	35	45	441	42
25. Poplar. . . . . *W*L	31171	47157	10	12	16	15	15	15	9	22	13	24	151	18
26. St. Saviour . . HH	33027	35729	20	26	22	23	15	27	15	31	18	24	221	14
27. St. Olave . . . HH	19869	19367	20	21	9	20	28	16	17	20	10	34	195	17
28. Bermondsey	35002	48128	22	28	25	16	22	24	34	26	18	22	237	24
29. St. Geo. Southwk. LPP	46718	51825	26	34	24	32	33	23	27	57	15	18	289	21
30. Newington . . . P	54693	64805	17	28	27	30	34	32	33	34	33	24	292	27
31. Lambeth	116072	139240	39	59	78	62	38	50	73	74	42	56	571	51
32. Wandsworth . . . L	39918	50770	*	*	*	22	12	14	9	10	10	18	95	17
33. Camberwell . . . LL	39931	54668	14	29	11	18	13	33	16	37	22	22	215	10
34. Rotherhithe	13940	17778	11	5	6	7	10	2	5	17	4	5	72	7
35. Greenwich . . HHHP	81125	99404	32	56	44	35	44	65	36	57	34	34	437	36
36. Lewisham. . . . . *W*	23051	34831	*	*	*	*	*	*	5	8	16	10	39	9

† Seamen and others on board vessels in the docks and river are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 9562; which divided by 10 gives 956 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 956 divided by 10 is about 96, which added to 956, makes the corrected average 1052. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 143 in 10 weeks; the average was 14; the corrected average 15. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831–41; 1·998 *per cent.* annually in the ten years, 1841–51; and 1·778 *per cent.* annually in the fifty years, 1801–51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5\cdot5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	1	1
2 Chelsea [North West]	.	.	.
2 *St. George Hanover Square* [*Chelsea N.W.*]	.	2	2
3 St. George Hanover Square [May Fair]	1	.	1
4 Westminster [St. Margaret]	.	3	3
5 St. Martin-in-the-Fields [Charing Cross]	1	.	1
6 St. James Westminster [Golden Square]	.	1	1
7 Marylebone [Rectory]	4	5	9
9 *Strand* [*Tottenham Court*]	.	.	.
9 Pancras [Camden Town]	2	1	3
10 Islington [West]	.	.	.
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	1	1	2
14 Holborn [St. Andrew East]	3	1	4
15 Clerkenwell [St. James]	.	.	.
17 East London [St. Botolph]	.	4	4
18 *East London* [*West London North*]	.	.	.
18 West London [North]	2	.	2
20 Shoreditch [Haggerstone West]	.	2	2
20 *St. Luke* [*Hoxton New Town*]	1	.	1
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	1	2	3
23 St. George-in-the-East [St. John]	2	.	2
24 Stepney [Shadwell]	.	1	1
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	1	.	1
24 City of London [ditto]	.	1	1
24 Stepney [Limehouse]	.	.	.
25 *London City* [*Bow*]	1	1	2
25 Poplar [Poplar]	2	.	2
26 St. Saviour [Christchurch]	.	.	.
27 St. Olave [St. John Horselydown]	1	.	1
28 Bermondsey [St. Mary Magdalen]	.	2	2
29 St. George Southwark [Borough Road]	.	2	2
30 Newington [St. Peter Walworth]	1	1	2
31 Lambeth [Lambeth Church 2d]	1	6	7
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	1	1	2
33 Camberwell [Camberwell]	.	.	.
34 Rotherhithe	1	.	1
35 Greenwich [East]	.	.	.
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	27	38	65
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	4	.	4
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	.	.	.
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	4	.	4
General Hospitals:—			
3 St. George [Belgrave]	1	.	1
4 Westminster [St. Margaret]	2	1	3
5 Charing Cross [Charing Cross]	1	.	1
7 Middlesex [All Souls]	2	1	3
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's Inn Lane]	.	.	.
13 King's College [St. Clement Danes]	2	1	3
18 St. Bartholomew [West London North]	6	2	8
22 London [Whitechapel Church]	3	1	4
27 Guy's [St. Olave and St. Saviour]	5	1	6
27 St. Thomas [St. Olave & St. Saviour]	5	1	6
Total	27	8	35
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	1	1	2
10 Fever [Islington West]	1	.	1
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	.	.
Total	2	1	3

	M.	F.	T.
HOSPITALS—*continued.*			
Lying-in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northum. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	2	.	2
33 Peckham House [Camberwell]	.	1	1
33 Camberwell House [Camberwell]	.	.	.
Total	2	1	3
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	3	.	3
Total	3	.	3
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	1	.	1
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	1	.	1
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	27	38	65
Military and Naval Asylums	4	.	4
General Hospitals	27	8	35
Hospitals for Special Diseases	2	1	3
Lying-in Hospitals	.	.	.
Lunatic Asylums	2	1	3
Military and Naval Hospitals	3	.	3
Hospitals and Asylums for Foreigners	1	.	1
Prisons	.	.	.
Total in Public Institutions	66	48	114

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 1st November 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
October.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday .	26	..	30·043	56·6	43·4	49·9	44·0	..	48·0	55·5	53·5	5·9	8·7	0·5	+3·1	N.E.	W.S.W.	0·0	0·0	0·0	55	0·00
Monday .	27	..	29·981	58·8	45·5	51·3	45·0	..	36·0	55·5	53·2	6·3	9·4	1·8	+4·5	W.S.W.	N.	0·0	0·0	0·0	40	0·00
Tuesday .	28	..	29·786	53·8	43·5	48·4	42·7	..	34·8	54·8	52·5	5·7	7·4	4·8	+1·7	N.	S.W.	3·3	0·0	0·3	140	0·00
Wednesday	29	Greatest Dec. S.	29·218	49·6	40·5	42·8	37·3	..	36·0	54·0	51·6	5·5	9·2	2·4	—3·9	NW., SW., & W.	N.W. & N.	0·0	0·0	0·0	85	0·36
Thursday .	30	..	29·393	51·2	37·5	43·5	37·7	..	33·8	53·2	50·5	5·8	10·5	3·8	—3·2	N.W.	N.	4·3	0·0	0·9	150	0·02
Friday . .	31	First Quarter.	29·487	49·0	38·2	42·2	35·0	..	34·8	51·8	49·6	7·2	10·6	2·7	—4·5	N.	N. & W.	0·0	0·0	0·0	70	0·00
Nov.— Saturday .	1	..	29·450	53·4	37·7	45·2	38·1	..	31·0	52·0	49·2	7·1	11·0	4·1	—1·5	S.W.	W. & Calm.	0·0	0·0	0·0	105	0·00
Means . .		..	29·623	53·2	40·9	46·3	40·0	..	36·3	53·8	51·4	6·2	9·5	2·9	—0·5	N.W.		..	..	..	Sum 645	Sum 0·38
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

Sunday . .	No electricity was shown during the week.
Monday. .	
Tuesday .	
Wednesday	
Thursday .	
Friday . .	
Saturday .	

GENERAL REMARKS.

The sky was generally covered with cloud till near noon, during the afternoon the amount of cloud was variable, and at night the sky was for the most part overcast.

The sky, with slight exceptions, was covered with cloud until 9h. P.M., and it was generally clear afterwards; stratus and haze.

The sky was overcast throughout the day. Rain fell heavily after 9h. P.M.

The sky, with slight exceptions, was covered with cloud throughout the day; cumuli, strati, and haze. Rain fell occasionally during the evening.

One half of the sky was covered till near noon, during the afternoon the amount of cloud was variable, and the sky was generally overcast at night; cirrocumuli, cirrostrati, and scud.

Thin rain fell occasionally during the evening.

The sky was free from cloud until 11h. A.M., three fourths were covered generally till 6h. P.M., and overcast afterwards; cumuli, cirrocumuli, cirrostrati, and light scud.

The sky was generally covered with cloud till near noon, and mostly clear during the remainder of the day; strati and loose clouds.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R.S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 46·4°; and the mean reading at 9h. P.M. was 45·2°; the mean readings at the Royal Observatory for the same times were 45·5° and 43·8° respectively.

The reading of the barometer decreased from 30·22 in. at the beginning of the week to 29·95 in. by 9h. A.M. on the morning of the 27th; increased to 30·06 in. by 9h. P.M. on the same day; decreased to 29·14 in. by about 5¼ h. P.M. on the 29th; increased to 29·50 in. by 9 h. A.M. on the 31st, and continued at about this reading during this day; decreasing to 29·46 in. by the end of the week.

The mean direction of the wind for the week is N.W.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, November 8. [No. 45.

HEALTH OF LONDON DURING THE WEEK.

It was shown in the Report for the last week of October that the mortality was considerably diminished; it now appears that concurrently with a great fall in the temperature it has again risen to nearly the same amount as prevailed during the earlier part of last month. The deaths registered in London in the week ending last Saturday were 989. In the ten corresponding weeks of the years 1841–50 the average was 967; but the population has increased since that period, and the average, if corrected in proportion to the increase, is 1064, compared with which last week's mortality shows a decrease of 75.

The increase on the previous week is visible amongst the young, the middle-aged, and persons of advanced life. It is also observed in all those classes of disease which make the largest contributions to the mortality; for last week the deaths enumerated in the epidemic class rose from 222 to 242, those in the tubercular class from 156 to 171, those caused by "diseases of the brain, spinal marrow, &c." from 78 to 115, those by "diseases of the heart, &c." from 33 to 40, those by "diseases of the lungs and other organs of respiration" from 105 to 148, by "diseases of the stomach, liver, and other organs of digestion" from 54 to 63, by "diseases of the kidneys, &c." from 6 to 11, by "rheumatism and diseases of the joints, &c." from 3 to 8, by "atrophy" from 16 to 23.

As in former weeks, scarlatina and typhus predominate amongst epidemics, the former having increased in fatal cases from 50 in the previous week to 59 in the last. Typhus numbers 58, besides 2 from ague, 1 from remittent fever, 1 from infantile fever, and 3 from rheumatic fever, but at present it does not show a disposition to become more fatal.

The mortality from small-pox rose from 17 deaths in the previous week to 24 (21 children having died of it last week, and 3 adults above 15 years of age). It is stated in only one case that vaccination had been previously performed. Besides the above, the death of a child of one year occurred from chicken-pox.

On 30th October, in Lambeth, at 29 James-street, the son of a wood-sawyer, aged 2 years, died of "small-pox." Mr. Daws states, that "the mother of the deceased nursed four of her children together when ill with small-pox, and having nursed others under the same disease she did not consider it necessary to have medical assistance, which was not called in till the child was dying. The medical attendant therefore declined giving a certificate. On asking the mother why she did not vaccinate her children, she said she had seen three different instances of children

breaking out in sores on their heads after vaccination, which were not cured for 2 or 3 years. This she attributed to foul lancets being used, which appeared also to be the opinion of the doctor who attended one of the children."

In the sub-district of Somers-town, at 2 Charles-place, the daughter of a farrier, aged 7 years, died of "scarlatina (1 day), convulsions (10 hours)." Two sisters of the deceased, and a brother aged 16 years, died previously of the same disease; their deaths were registered in the week ending 27th September. In the same sub-district, at 20 Melton-crescent, the son of an engineer, aged 16 years, died of "scarlatina anginosa (6 days), hydrocephalus internus (3 days)." Mr. Matthews states that the drainage in the latter place is bad.

At 3 Elizabeth-place, Ball's-pond, on the 1st and 5th November respectively, two children, aged severally 9 months and 8 years, died of "scarlatina anginosa;" and at 1 Crown-cottages, Upper-Holloway, the daughter of a grocer, aged 8 years, died on 3d November of "scarlatina (9 days)," the sister of deceased having died of it on 27th October. On the 2d and 3d November the son and daughter of a light porter, aged respectively 12 years and 16 months, died at 3 Langley-street, Long-acre, of "malignant scarlatina, after illness of 10 and 9 days' duration." In St. Mary, Marylebone, at 34 Horace-street, on the 4th and 5th November, two sons of a labourer died of scarlatina, which in one case was followed by enlarged glands.

In the South sub-district of West London, at 1 Dean-street, St. Andrews, the son of a printer, aged 4 years, died on 7th November of "scarlatina (7 days)." Mr. Nason, the Registrar, adds that "this is the fourth death in the same *house* from scarlatina, three having previously occurred in another family, that of a compositor mentioned in former reports. A child in this house, whose birth was registered last week, is said to have symptoms of the disease. It appears from the statement of informant that the house is clean, that there is complete ventilation, and nothing to account for the disease can be assigned."

On 6th November, at 67 Eagle-street, Red-lion-square, the son of a bootmaker, aged 4 years, died of "malignant scarlatina (6 days)." Mr. Goodhugh, the Registrar, observes that "another child in the family has since been taken ill with the same disease, and that the malady must be attributed to local circumstances. The house, which is situated on the north side of the street, is let out in single rooms, and at the back is a small yard about 10 feet by 5 in size. In the corner are a dustbin and a privy in a foul state, with a cesspool which burst and allowed the contents to run into the back kitchen, where the waterbutt is kept. In the front kitchen adjoining, which is about 12 feet square, badly ventilated and damp, a man and his wife with their four children live and sleep."

In 10 cases out of the 59 in which scarlatina was fatal it is stated that the primary disease was followed by dropsy.

On the 29th October at 41 Sutton-street, Lambeth, the son of an excise officer, aged 13 months, died of "cholera infantum (5 days)."

In Bethnal-green, at 25 Emma-street, a tallow-chandler, aged 73 years, died of "serous apoplexy (one week)." Mr. Murray states that "the street fronts a large stagnant pond abutting on a dustyard, both of which emit an offensive smell that must be injurious to health."

At 10 Eagle-street, Hoxton, the daughter of an ostler, aged 10 years, died of "debility from ptyalism." Two persons died of intemperance, 9 infants from want

of breastmilk and inanition, and 4 infants from suffocation, in three of which cases the children were suffocated in bed.

Last week the births of 770 boys and 710 girls, in all 1480 children, were registered. In the six corresponding weeks of 1845–50 the average number was 1383.

At the Royal Observatory, Greenwich, the mean reading of the barometer in the week was 29·684 in. The weather was cold during the week. The mean daily temperature on Sunday was 43·9° or 2·7° below the average of corresponding days in 10 years; it fell to 35·2° on Tuesday, which is 11·3° below the average; it then rose and was about 42·5° on Friday and Saturday; but on every day of the week was below the average. The mean temperature of the week was 40°, which is 6·3° below the average. The wind was generally in the west or north.

Births Registered last Week, and in the Forty-fifth Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
Total . . .	1226	1381	1336	1367	1413	1577	1383	1480
Males . . .	630	689	682	673	698	851	704	770
Females . .	596	692	654	694	715	726	679	710

Deaths Registered last Week, and in the Forty-fifth Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
Total . .		814	931	1016	989	944	944	1052	1165	893	921	966·9	989*
Males . .		397	459	524	524	448	463	529	586	460	451	484·1	484
Females .		417	472	492	465	496	481	523	579	433	470	482·8	505
	Ages.												
Deaths at three periods of life . .	0—15	366	444	566	510	485	389	542	568	448	399	471·7	461
	15—60	291	296	282	306	293	350	317	390	266	295	308·6	317
	60 & up.	156	190	168	168	166	203	193	194	178	217	183·3	203

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

* The return of deaths for the sub-district of Ratcliff was not received in time for insertion in the Tables. An average of 8, derived from the returns of the previous six weeks, is inserted instead, and in the Table of Diseases is placed to *Causes not specified*. The true number is now ascertained to be 8, the same as the average.

Births and Deaths Registered in London in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Aug. 16.	Aug. 23.	Aug. 30.	Sept. 6.	Sept. 13.	Sept. 20.	Sept. 27.	Oct. 4.	Oct. 11.	Oct. 18.	Oct. 25.	Nov. 1.	Nov. 8.
Births	1500	1455	1401	1500	1429	1527	1484	1429	1415	1443	1673	1480	1480
Deaths	1061	956	1061	967	1026	1097	958	1014	953	981	977	861	989
Deaths (except from Violence) . . .	1037	944	1034	945	967	1068	907	944	930	959	958	845	960
Deaths (except from Violence) at 60 years and upwards . .	177	183	173	140	191	204	179	199	171	182	171	167	197
Scarlatina	17	18	20	29	27	41	41	48	55	43	67	50	59
Typhus	53	41	54	41	57	67	46	61	60	67	79	60	58
Diarrhœa & Dysentery	162	148	181	200	108	106	94	66	54	43	34	36	34
Cholera	28	19	28	17	17	7	9	4	4	1	1	1	1
Mean Temperature .	64°·6	63°·8	56°·4	60°·5	57°·1	57°·3	54°·8	53°·2	54°·6	52°·8	54°·5	46°·3	40°·0

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 40°·0—Nov. 8.			
	45°·4 Nov. 13 1841	43°·9 Nov. 12 1842	43°·1 Nov. 11 1843	43°·3 Nov. 9 1844	46°·9 Nov. 8 1845	48°·9 Nov. 7 1846	50°·7 Nov. 6 1847	40°·3 Nov. 11 1848	50°·2 Nov. 10 1849	50°·2 Nov. 9 1850	Mean 46°·3 Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	814	931	1016	989	944	944	1052	1165	893	921	9669	461	317	202	989†
SPECIFIED CAUSES	805	917	1012	987	944	939	1051	1149	888	910	9602	460	317	202	980†
1. Zymotic Diseases	155	161	197	214	214	167	327	414	216	206	2271	171	57	14	242
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	66	44	55	50	42	38	38	37	47	37	454	..	14	26	40
3. Tubercular Diseases	159	159	186	153	159	175	167	166	148	133	1605	58	105	8	171
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	98	102	129	121	111	115	95	131	104	101	1107	56	29	30	115
5. Diseases of the Heart and Blood-vessels	20	27	30	32	22	38	40	45	38	47	339	..	25	15	40
6. Diseases of the Lungs, and of the other Organs of Respiration	109	214	203	187	194	164	154	147	143	171	1686	78	28	42	148
7. Diseases of the Stomach, Liver, and other Organs of Digestion	59	57	56	56	71	63	70	71	41	58	602	23	21	19	63
8. Diseases of the Kidneys, &c.	1	3	7	9	4	9	17	12	10	11	83	2	4	5	11
9. Childbirth, Diseases of the Uterus, &c.	11	11	9	11	15	19	13	5	9	5	108	..	9	..	9
10. Rheumatism, Diseases of the Bones, Joints, &c.	3	2	1	14	7	13	11	14	9	8	82	2	3	3	8
11. Diseases of the Skin, Cellular Tissue, &c.	..	1	1	1	2	2	2	2	..	1	12	..	1	..	1
12. Malformations	..	1	1	1	4	4	4	1	3	3	22	2	..	..	2
13. Premature Birth & Debility	21	18	26	26	19	35	24	23	23	29	244	25	1	..	26
14. Atrophy	10	9	15	10	18	22	28	16	26	23	177	22	1	..	23
15. Age	58	78	68	61	33	39	42	37	42	55	513	..	..	33	33
16. Sudden	13	14	10	11	5	5	11	7	7	5	88	6	2	..	8
17. Violence, Privation, Cold, and Intemperance	22	16	18	30	24	31	8	21	22	17	209	15	17	7	40†
1.—Small-pox	4	8	7	42	9	2	26	34	5	12	149	22	3	..	25
Measles	38	24	32	22	76	8	71	17	23	22	333	12	..	..	12
Scarlatina	16	39	60	70	20	27	64	135	58	33	522	58	1	..	59
Hooping Cough	42	17	30	22	35	29	25	27	19	23	269	17	..	..	17
Croup	9	9	8	2	4	5	6	4	6	7	60	6	..	..	6
Thrush	5	6	5	..	5	4	4	5	4	4	42	4	..	..	4
Diarrhœa	4	6	12	11	15	19	28	26	25	16	162	19	4	5	28
Dysentery	1	6	1	4	2	1	8	7	4	4	38	..	5	1	6
Cholera	1	..	1	..	..	..	1	62	6	1	72	1	..	..	1
Influenza	..	2	3	4	3	6	2	..	2	1	23	..	1	..	1
Purpura and Scurvy	..	..	..	..	1	..	..	..	2	2	5	..	..	..	..
Ague	..	1	..	1	..	1	..	..	..	1	4	1	..	1	2
Remittent Fever	..	..	..	..	..	1	..	3	3	2	9	1	..	..	1
Infantile Fever	*	*	*	*	*	*	*	1	..	3	4	1	..	..	1
Typhus	23	32	34	32	31	47	80	65	46	55	445	21	31	6	58
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	10	2	6	18	..	4	..	4
Rheumatic Fever	*	*	*	*	*	*	*	..	2	2	4	1	2	..	3
Erysipelas	11	10	2	4	7	13	8	13	6	6	80	1	5	1	7
Syphilis	..	1	2	..	5	4	3	5	3	6	29	5	1	..	6
Noma (or Canker)	*	*	*	*	1	..	1	..	..	..	2	1	..	..	1
Hydrophobia	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
2.—Hæmorrhage	3	2	2	3	4	1	4	..	2	4	25	..	..	3	3
Dropsy	45	27	36	23	18	11	19	15	19	15	228	..	4	13	17
Abscess	5	2	1	2	2	1	..	3	3	2	21	..	..	..	..
Ulcer	..	..	..	1	..	3	..	1	..	1	6	..	..	..	..
Fistula	1	..	2	..	1	..	1	..	..	..	5	..	..	..	..
Mortification	4	5	2	12	1	6	2	3	3	..	38	..	1	2	3
Cancer	6	8	12	9	14	16	10	15	17	15	122	..	9	8	17
Gout	2	..	..	..	2	..	2	..	3	..	9	..	..	..	..
3.—Scrofula	1	5	3	4	4	3	7	6	8	4	45	4	2	..	6
Tabes Mesenterica	6	4	12	4	11	11	17	11	10	14	100	16	..	..	16
Phthisis (or Consumption)	123	124	134	119	116	138	118	127	107	93	1199	14	103	8	125
Hydrocephalus	29	26	37	26	28	23	25	22	23	22	261	24	..	..	24

* See Note, page 358.

† The age of a child who died from *want of breast-milk* is not stated. See also page 355.

in the FORTY-FIFTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 40°·0—Nov. 8.			
	45°·4	43°·9	43°·1	43°·3	46°·9	48°·9	50°·7	40°·3	50°·2	50°·2	Mean 46°·3				
	Nov. 13 1841	Nov. 12 1842	Nov. 11 1843	Nov. 9 1844	Nov. 8 1845	Nov. 7 1846	Nov. 6 1847	Nov. 11 1848	Nov. 10 1849	Nov. 9 1850	Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	11	9	15	12	14	14	12	10	9	11	117	4	3	..	7
Apoplexy	19	15	19	25	24	26	13	30	18	21	210	6	11	13	30
Paralysis	13	11	13	18	14	17	23	21	11	23	164	..	7	15	22
Delirium Tremens	5	3	1	2	2	4	3	1	1	1	23	..	2	..	2
Chorea	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
Epilepsy	5	1	3	3	8	4	4	7	5	3	43	..	1	1	2
Tetanus	..	..	..	..	..	1	..	1	1	..	3	1	..	..	1
Insanity	1	2	2	..	4	1	..	..	4	3	17	..	1	..	1
Convulsions	39	54	66	51	34	35	30	51	42	26	428	41	..	..	41
Disease of Brain, &c.	5	7	10	9	11	13	10	10	13	13	101	4	4	1	9
5.—Pericarditis	..	1	..	2	3	4	3	7	9	2	31	..	2	1	3
Aneurism	2	1	..	3	2	2	1	..	..	1	12	..	1	..	1
Disease of Heart, &c.	18	25	30	27	17	32	36	38	29	44	296	..	22	14	36
6.—Laryngitis	2	..	1	..	2	3	6	4	2	5	25	4	..	..	4
Bronchitis	13	27	18	26	61	46	49	58	51	70	419	13	7	20	40
Pleurisy	1	3	2	2	4	4	5	..	1	5	27	..	..	1	1
Pneumonia	70	143	150	110	95	72	68	63	76	77	924	58	11	7	76
Asthma	14	25	22	19	15	24	14	15	7	12	167	1	6	12	19
Disease of Lungs, &c.	9	16	10	30	17	15	12	7	6	2	124	2	4	2	8
7.—Teething	19	12	20	12	14	8	8	7	6	4	110	7	..	..	7
Quinsey	1	..	2	1	1	..	5	3	2	3	18	2	..	..	2
Gastritis }	16	14	17	..	1	..	3	3	2	..	125	3	1	..	4
Enteritis }				17	13	11	10	5	5	8		1	2	3	6
Peritonitis	2	2	1	3	1	3	5	5	2	7	31	1	3	2	6
Ascites	2	1	2	1	2	1	1	4	..	2	16	..	2	..	2
Ulceration (of Intestines)	..	4	2	2	3	2	6	3	4	1	27	1	2	1	4
Hernia	2	2	..	1	2	5	..	8	1	4	25	..	1	..	1
Ileus	2	3	3	2	1	2	3	3	2	1	22	2	2	2	6
Intussusception	..	..	..	..	1	..	1	..	2	3	7	..	..	..	..
Stricture of Intestinal Canal	1	..	..	..	1	..	1	1	..	..	4	..	1	1	2
Disease of Stomach, &c.	1	12	6	4	9	6	8	11	5	9	71	4	1	1	6
Disease of Pancreas	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Hepatitis	..	1	..	2	5	5	2	4	..	5	24	..	..	1	1
Jaundice	5	1	1	2	3	2	6	..	1	3	24	1	1	2	4
Disease of Liver	7	5	2	9	14	18	11	14	8	8	96	1	5	6	12
Disease of Spleen	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
8.—Nephritis	..	1	1	..	..	..	..	..	1	..	3	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	4	1	4	9	..	1	2	3
Ischuria	..	..	..	1	..	..	2	1	..	..	4	..	..	..	..
Diabetes	..	..	..	..	..	..	2	..	..	2	4	..	1	..	1
Stone	..	..	..	1	..	..	..	1	..	1	3	..	..	..	..
Cystitis	..	..	..	2	1	..	2	..	..	..	5	..	..	..	..
Stricture of Urethra	1	2	..	..	..	2	2	..	1	1	9	..	..	..	..
Disease of Kidneys, &c.	..	..	6	5	3	7	9	6	7	3	46	2	2	3	7
9.—Paramenia	1	..	..	..	1	..	..	1	..	..	3	..	..	..	..
Ovarian Dropsy	..	1	..	1	..	..	1	..	..	..	3	..	1	..	1
Childbirth (*see* Metria)	9	7	9	8	9	14	10	2	4	3	75	..	5	..	5
Disease of Uterus, &c.	1	3	..	2	5	5	2	2	5	2	27	..	3	..	3
10.—Arthritis	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Rheumatism	1	1	1	3	5	9	6	8	5	3	42	1	1	2	4
Disease of Joints, &c.	2	1	..	11	2	4	5	6	4	4	39	1	2	1	4
11.—Carbuncle	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..
Phlegmon	..	..	1	1	..	1	1	1	..	..	5	..	1	..	1
Disease of Skin, &c.	..	1	..	..	2	1	1	..	..	1	6	..	..	..	..
17.—Intemperance	..	1	1	..	1	3	1	2	..	2	11	..	1	1	2
Privation of Food	..	..	..	1	1	1	..	..	..	1	4	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	1	1	..	2	8	..	..	9†
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	1	2	2	5	..	3	..	3
Burns and Scalds	*	*	*	*	*	*	*	3	2	3	8	2	..	..	2
Hanging and Suffocation	*	*	*	*	*	*	*	1	2	1	4	4	..	1	5
Drowning	*	*	*	*	*	*	*	4	3	2	9	..	3	1	4
Fractures	*	*	*	*	*	*	*	5	7	5	17	1	8	4	13
Wounds	*	*	*	*	*	*	*	3	4	1	8	..	2	..	2
Other Violence	*	*	*	*	*	*	*	1	1	..	2	..	..	..	..
All Violence	22	15	17	29	22	27	7	18	21	14	192	7	16	6	29
Causes not specified	9	14	4	2	..	5	1	16	5	11	67	1	..	..	9†

* See Note, page 358.

† The age of a child who died from *want of breast-milk* is not stated. See also page 355.

DEATHS Registered in the FORTY-FIFTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION† in		Mean Temperature for Week ending Saturday,											
			45°·4	43°·9	43°·1	43°·3	46°·9	48°·9	50°·7	40°·3	50°·2	50°·2	Mean 46°·3	40°·0
			Nov. 13	Nov. 12	Nov. 11	Nov. 9	Nov. 8	Nov. 7	Nov. 6	Nov. 11	Nov. 10	Nov. 9	Sum of 10 Weeks.	Nov. 8
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948369	2361640	814	931	1016	989	944	944	1052	1165	893	921	9669	989
1-6. WEST DISTRICTS .	301189	376332	107	136	126	159	153	127	151	156	142	111	1368	140
7-11. NORTH DISTRICTS .	376568	490441	152	150	196	175	129	186	207	195	150	205	1745	194
12-19. CENTRAL DISTRICTS	374199	392986	153	171	202	152	195	168	189	235	146	146	1757	186
20-25. EAST DISTRICTS .	393067	485336	166	228	215	218	218	179	221	233	190	214	2082	213
26-36. SOUTH DISTRICTS .	503346	616545	236	246	277	285	249	284	284	346	265	245	2717	256
1. Kensington . . . HL	74898	119990	17	29	21	35	36	24	44	36	53	32	327	41
2. Chelsea . . . . *W*H	40243	56543	17	24	34	22	14	39	34	21	13	19	237	27
3. St. George Hanover-sq. H	66657	73207	21	26	21	37	35	31	22	27	23	21	264	27
4. Westminster . HHPP	56802	65609	29	29	25	38	34	12	26	45	25	25	288	25
5. St. Martin-in-the-Flds. H	25132	24557	13	12	14	18	11	13	11	14	16	7	129	12
6. St. James Westminster..	37457	36426	10	16	11	9	23	8	14	13	12	7	123	8
7. Marylebone . . . H	138383	157679	64	70	93	65	48	72	76	61	47	73	669	66
8. Hampstead . . . . }	140078	11986	*	*	*	*	*	*	1	3	5	4	13	1
9. Pancras . . . *W*HH }		167198	63	47	71	63	45	64	85	83	56	76	653	64
10. Islington . . . HHP	55779	95154	12	13	19	24	22	25	25	33	24	36	233	44
11. Hackney . . . . H	42328	58424	13	20	13	23	14	25	20	15	18	16	177	19
12. St. Giles	54378	54062	24	20	38	22	30	11	26	35	17	28	251	32
13. Strand (wkh. in 9) . H	43667	44446	16	22	20	18	16	20	12	30	20	12	186	19
14. Holborn	44532	46571	16	17	22	19	20	21	34	20	17	19	205	19
15. Clerkenwell . . PP	56799	64705	28	35	33	15	26	20	22	30	12	19	240	22
16. St. Luke (wkh. in 20) L	49908	54058	19	20	17	22	32	32	17	30	27	22	238	20
17. East London . . . P	39718	44407	21	15	19	24	20	21	28	26	19	15	208	14
18. West London *W*HPPP	29188	28829	18	21	28	18	32	21	31	48	15	16	248	34
19. City of Lon. (wkh. in 25)	56009	55908	11	21	25	14	19	22	19	16	19	15	181	26
20. Shoreditch . . *W*L	83564	109209	32	53	35	53	58	36	42	56	57	44	466	53
21. Bethnal Green . . L	74206	90170	32	36	34	43	39	28	37	44	38	33	364	30
22. Whitechapel . . . H	71879	79756	36	54	50	37	43	42	54	38	30	44	428	40
23. St. George in the East .	41416	48375	18	23	26	17	25	21	38	27	25	29	249	20
24. Stepney . . . . H	90831	110669	37	42	48	54	44	36	35	53	29	39	417	50
25. Poplar . . . *W*L	31171	47157	11	20	22	14	9	16	15	15	11	25	158	20
26. St. Saviour . . HH	33027	35729	10	29	23	14	21	18	15	25	22	23	200	16
27. St. Olave . . . HH	19869	19367	17	15	26	15	15	37	20	27	15	16	203	13
28. Bermondsey	35002	48128	15	23	28	28	20	16	26	34	30	18	238	21
29. St. Geo. Southwk. LPP	46718	51825	37	25	33	31	26	16	31	37	21	24	281	23
30. Newington . . . P	54693	64805	24	21	26	23	25	23	28	35	23	25	253	33
31. Lambeth	116072	139240	53	58	67	76	50	64	63	59	53	56	599	69
32. Wandsworth . . . L	39918	50770	*	*	*	20	14	16	10	15	24	12	111	11
33. Camberwell . . . LL	39931	54668	24	16	14	14	18	24	32	35	20	17	214	17
34. Rotherhithe	13940	17778	5	8	10	9	15	5	8	9	8	5	82	6
35. Greenwich . HHHP	81125	99404	51	51	50	55	45	65	41	61	37	38	494	36
36. Lewisham . . . *W*	23051	34831	*	*	*	*	*	*	10	9	12	11	42	11

† Seamen and others on board vessels in the docks and river are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841-50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 9669; which, divided by 10, gives 967 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 967 divided by 10 is about 97, which added to 967, makes the corrected average 1064. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 149 in 10 weeks; the average was 15; the corrected average 17. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831-41; 1·998 *per cent.* annually in the ten years, 1841-51; and 1·778 *per cent.* annually in the fifty years, 1801-51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841-50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5{\cdot}5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	1	.	1
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	2	2
2 Chelsea [North West]	2	1	3
2 *St. George Hanover Square [Chelsea N.W.]*	.	1	1
3 St. George Hanover Square [May Fair]	2	.	2
4 Westminster [St. Margaret]	.	.	.
5 St. Martin-in-the-Fields [Charing Cross]	2	1	3
6 St. James Westminster [Golden Square]	.	.	.
7 Marylebone [Rectory]	6	4	10
9 *Strand [Tottenham Court]*	2	2	4
9 Pancras [Camden Town]	1	2	3
10 Islington [West]	2	1	3
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	1	8	9
14 Holborn [St. Andrew East]	.	2	2
15 Clerkenwell [St. James]	.	2	2
17 East London [St. Botolph]	.	1	1
18 *East London [West London North]*	3	.	3
18 West London [North]	2	.	2
20 Shoreditch [Haggerstone West]	1	5	6
20 *St. Luke [Hoxton New Town]*	1	2	3
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	2	.	2
22 Whitechapel [North]	1	4	5
23 St. George-in-the-East [St. John]	.	.	.
24 Stepney [Shadwell]	.	.	.
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	3	.	3
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	.	.	.
25 Poplar [Poplar]	.	1	1
26 St. Saviour [Christchurch]	.	2	2
27 St. Olave [St. John Horselydown]	.	.	.
28 Bermondsey [St. Mary Magdalen]	.	1	1
29 St. George Southwark [Borough Road]	2	1	3
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2d]	1	1	2
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	.	.	.
33 Camberwell [Camberwell]	.	.	.
34 Rotherhithe	.	.	.
35 Greenwich [East]	3	2	5
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	38	46	84
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	3	.	3
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	2	.	2
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	5	.	5
General Hospitals:—			
3 St. George [Belgrave]	4	1	5
4 Westminster [St. Margaret]	1	.	1
5 Charing Cross [Charing Cross]	1	.	1
7 Middlesex [All Souls]	3	2	5
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	2	.	2
18 St. Bartholomew [West London North]	12	3	15
22 London [Whitechapel Church]	2	.	2
27 Guy's [St. Olave and St. Saviour]	4	.	4
27 St. Thomas [St. Olave and St. Saviour]	1	2	3
Total	30	8	38
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	1	2	3
10 Fever [Islington West]	.	.	.
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	.	.
Total	1	2	3

	M.	F.	T.
HOSPITALS—*continued.*			
Lying-in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	1	.	1
2 Blacklands House [Chelsea North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	1	1
29 Bethlem [London Road]	1	.	1
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	1	2
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	1	.	1
Total	4	2	6
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	1	.	1
Total	1	.	1
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	38	46	84
Military and Naval Asylums	5	.	5
General Hospitals	30	8	38
Hospitals for Special Diseases	1	2	3
Lying-in Hospitals	.	.	.
Lunatic Asylums	4	2	6
Military and Naval Hospitals	1	.	1
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	.	.
Total in Public Institutions	79	58	137

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 8th November 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Difference between the Dew Point Temperature and Air Temperature. Great-est.	Difference between the Dew Point Temperature and Air Temperature. Least.	Difference between the mean temperature of the day and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	Wind as deduced from Anemometer. Osler's. General Direction. P.M.	Osler's. Pressure in lbs. on the square foot. Great-est.	Osler's. Pressure in lbs. on the square foot. Least.	Osler's. Pressure in lbs. on the square foot. Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
NOVEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY . .	2	..	29·297	50·4	36·3	43·9	36·3	..	28·5	51·0	48·0	7·6	8·6	4·2	—2·7	S.W.	N.W. & W.	4·0	0·0	0·2	150	0·09
MONDAY. .	3	..	29·709	43·4	31·8	36·7	28·4	..	24·0	49·6	46·8	8·3	12·7	4·9	—9·9	W.	N.N.W. & W.	1·0	0·0	0·0	45	0·00
TUESDAY .	4	Apogee.	29·745	40·4	30·8	35·2	31·0	..	21·0	48·8	46·2	4·2	7·7	2·3	—11·3	S.W. & N.	N.	4·5	0·0	0·6	105	0·02
WEDNESDAY	5	..	29·857	44·9	27·8	37·2	29·2	..	20·0	48·0	44·5	8·0	11·3	7·4	—9·2	N. & W.	W.	1·0	0·0	0·0	120	0·00
THURSDAY.	6	In Equator.	29·735	47·4	31·0	41·4	33·0	..	25·0	47·2	44·0	8·4	10·6	0·0	—4·8	W. & N.	N.	3·0	0·0	0·3	150	0·01
FRIDAY . .	7	..	29·680	48·0	39·0	42·9	38·3	..	32·0	46·5	43·5	4·6	7·6	1·0	—3·1	N.	N.	4·0	0·0	0·2	70	0·05
SATURDAY.	8	Full	29·766	49·4	37·7	42·5	38·2	..	30·0	46·8	43·2	4·3	9·5	0·0	—3·3	N.	Calm	0·0	0·0	0·0	10	0·00
MEANS . .		..	29·684	46·3	33·5	40·0	33·5	..	25·8	48·3	45·2	6·5	9·7	2·8	—6·3	W. & N.		..	..	..	Sum 650	Sum 0·17
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	Nov. 2. Active electricity must have been exhibited at some time during the day, as the gold leaf of the dry-pile apparatus was cut off.
MONDAY . .	
TUESDAY . .	
WEDNESDAY	
THURSDAY .	
FRIDAY . .	Nov. 7. Positive, and very active from 2h. 10m. till 2h.30m. P.M.; sparks were shown. Positive, and tension week at other examinations.
SATURDAY .	

GENERAL REMARKS.

The amount of cloud was very variable until night, when the sky became clear; cumuli, cirrostrati, and dark scud. Showers of hail and rain fell at 11h. 30m. A.M., 1h. 15m. P.M., and 2h. 15m. P.M.

Three fourths of the sky were generally covered till near noon; then the amount of cloud was variable till 5h. P.M., and clear afterwards; cumuli, cirrocumuli, and haze.

The sky was overcast till 10h. A.M., mostly clear till 1h. P.M., three fourths were covered till 7h. P.M., and clear afterwards; cirrostratus. Rain and sleet fell at 9h. A.M.

The sky, with slight exceptions, was obscured with stratus and thick haze throughout the day. Slight rain fell during the evening.

The sky was clear during the earlier portion of the morning, and overcast during the remainder of the day; cirrostratus and haze.

The sky was for the most part covered with cloud until 5h. P.M., and the amount that prevailed afterwards was very variable; cumuli, cirrocumuli, strati, and scud. Rain fell heavily from 2h. 10m. till 2h. 45m. P.M.

The clouds were broken during the afternoon, at other times during the day the sky was overcast; cirrocumuli, cirrostrati, and haze.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9 h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4,7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 40°2°; and the mean reading at 9h. P.M. was 40°0°; the mean readings at the Royal Observatory for the same times were 38°2° and 38°5° respectively.

The reading of the barometer decreased from 29·46 in. at the beginning of the week to 29·22 in. by 10h. A.M. on the 2d; increased to 29·79 in. by 9h. P.M. on the 3d; decreased during the night and was 29·67 in. by 9h. A.M. on the 4th; increased to 29·91 in. by 9h. A.M. on the 5th; decreased to 29·73 in. by 3h. P.M. on the 6th; and remained at about this reading till 3h. P.M. on the 7th; after which time it turned to increase, and was 29·78 in. at 9h. A.M. on the 8th; remained at this reading till about noon, and then decreased to 29·74 in. by the end of the week.

The direction of the wind for the week is variable.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, November 15. [No. 46.

HEALTH OF LONDON DURING THE WEEK.

The effect of increased cold in the weather is now perceptible in the weekly returns of mortality. In October the number of deaths registered in London did not in any week exceed 981, and in the fourth it fell to 861; while the weekly mean temperature during the greater part of the month was more than 52°. In the week ending November 8th the mean temperature was only 40°; last week it was 40·2°; and contemporaneously with this fall the deaths rose in the former week to 989, and in the last to 1022.

In corresponding weeks of the ten years (1841–50) the average number of deaths was 992, which with a correction for increase of population becomes 1091. The 1022 deaths registered in the week ending last Saturday show a decrease of 69 on the estimated amount.

Last week the number of deaths ascribed to diseases of the zymotic or epidemic class was 236, showing no important difference from the usual amount at this season. Eighteen young persons, and five adults of 15 years and upwards, were carried off by small-pox. In four of the 23 cases it is stated that the patients had received vaccination. On 14th November, at 6 George-street, Grosvenor-square, the daughter of a stableman, aged 3 years, died of "variola confluens (6 weeks), ulcers in various parts, irritative fever, asthenia." On the medical certificate it is stated that "the deceased had not been vaccinated, and assistance was not sought till the pustules had desquamated universally." Mr. Jay, the Registrar, adds that "this is an instance of the prejudice against vaccination, which prevails in too many instances, among the poorer classes."

The three cases following occurred respectively on the 4th, 6th, and 10th November in the Small-pox Hospital:—

An itinerant musician, aged 27 years, who had been vaccinated when young in Parma, and had one indistinct cicatrix, died of "small-pox, confluent, modified, with low fever (19 days)."

A draper from Lambeth, aged 18 years, who had been vaccinated when young at Salisbury, and had "two excellent cicatrices," died of "small-pox, confluent, with delirium, diarrhœa, gangrene (34 days)."

A clerk from Chelsea, aged 19 years, "small-pox, confluent, unprotected (11 days)."

In the preceding week the deaths caused by scarlatina were 59; last week exhibited a decline in this disease, the number being reduced to 43. It seems to prevail considerably in the district of Stepney, where 7 deaths were registered. The daughter of a journeyman bricklayer, aged one year, died at 2 Thomas-street,

Grosvenor-square, of "scarlatina, cynanche maligna (14 days)." The ventilation of the house is described as defective. On the 12th November at 67 Eagle-street, Red-lion-square, the son of a boot-maker, aged 2 years, died of "scarlatina (6 days)." Mr. Goodhugh, the Registrar, adds that the family in which this death occurred was mentioned in the Report for week ending November 8th, and the house which they occupy was then described. The child now registered is the second that has died of the same disease; their illness probably having been produced or aggravated by the foul state of the premises. The father of the children states that he has spoken to the landlord several times, but without receiving any attention. It is generally admitted that nearly all the houses on the north side of Eagle-street are in a very defective condition as regards drainage. The houses, which are let out in single rooms, are in a dirty state, while the ventilation is very insufficient.

In the sub-district of Hackney-road, at 40 Turville-street, the son of a beerseller, aged one year, died of "scarlatina (8 days), convulsions (8 hours)." Mr. Murray reports that "the house stands in a close and crowded neighbourhood, immediately opposite two gully holes, the exhalations from which are very offensive."

In Ratcliff, at 3 Bere-street, on 6th and 7th November, the daughter and son of a tobacco-pipe maker, aged 10 months and 4 years respectively, died of scarlatina anginosa, after 5 days' illness; and at 14 China-walk, Lambeth, the son of a painter and glazier, aged one year, died of "scarlatina maligna (14 days);" two other members of the family having been carried off by the same disease within fourteen days.

At 17 Seven-step-alley, Aldgate, the son of a tailor, aged 20 months, died of "pertussis, asphyxia." The surgeon of the parish and medical attendant of this case writes on his certificate that "the place where the child died is unfit for human habitation, and fatal to all children."

Last week measles was fatal to 15 children, hooping-cough to 22, croup to 10; diarrhœa to 26 persons, dysentery to 4, influenza to 2, purpura to one, and scurvy to one, remittent fever to 3, puerperal fever to 5 (besides 4 other cases of women dying after childbirth), rheumatic fever to 3, and erysipelas to 16. Four children died of syphilis.

The fatal cases enumerated under typhus amount to 58, exactly the same number as in the previous week. The son of a carpenter, aged 4 years, died at 29 Colonnade, Bloomsbury, of typhus, after 15 days' illness. Mr. Yardley, the Registrar, mentions that "the yard at the back of this house is very small, and there is a privy in it which is very offensive at times. A drain leading from the privy passes immediately under the cistern which supplies the house with water, and which is consequently impregnated with the stench. The unhealthy character of the dwellings in the Colonnade has attracted the attention of the parochial authorities who are taking steps to improve it."

On the Lower-common, Putney, a traveller, aged 52 years, died on the 9th November of "typhoid fever, aggravated by intemperance and exposure to damp and cold on an open common (14 days), effusion on the brain (12 hours)." Mr. Miller, the Registrar, adds: "The medical officer informed me that the removal of this patient to the Union Infirmary was repeatedly urged to no purpose; he would not be removed from the tent away from his tribe."

Amongst other causes of death, 123 persons, of whom 105 were in middle life, died of phthisis or consumption, 66 of bronchitis, 68 of pneumonia, 18 of asthma, 4 of pleurisy, 3 of laryngitis. Two lives were destroyed by intemperance; a child died in 7 hours of "irritation of the air passages caused by swallowing a piece of

walnut;" and on the 12th November in Bethnal-green a gas-stoker, aged 45 years, died, according to the verdict of a coroner's jury, from "the deleterious effects of muscles eaten on the previous night."

Last week the births of 814 boys and 712 girls, in all 1526 children, were registered. The average number in six corresponding weeks of 1845–50 was 1338.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer was above 30 in. on Wednesday, Thursday, and Friday. The mean of the week was 29·969 in. The mean temperature was below the average of corresponding days in ten years on every day of the week. The mean temperature of the week was 40·2°, which is 3·4° below the average. The daily mean fell from about 40° on Thursday and Friday to 31·3° on Saturday. The wind blew generally from the north.

BIRTHS Registered LAST WEEK, and in the FORTY-SIXTH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL. . . .	1228	1429	1275	1291	1226	1581	1338	1526
Males . . .	599	769	638	658	613	787	677	814
Females . .	629	660	637	633	613	794	661	712

DEATHS Registered LAST WEEK, and in the FORTY-SIXTH Week of Ten previous Years.

	Ages.	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL. . .		800	886	1230	1072	941	916	1098	1188	878	908	991·7	1022*
Males . .		400	433	615	547	452	467	549	611	427	435	493·6	529
Females .		400	453	615	525	489	449	549	577	451	473	498·1	493
Deaths at three periods of life . .	0—15	369	431	619	514	513	380	546	549	415	402	473·8	466
	15—60	270	270	336	344	261	343	338	408	290	323	318·3	346
	60 & up.	160	185	275	208	166	193	214	230	172	183	198·6	207

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

* The deaths in the sub-district of Lee (Lewisham) were not received in time for insertion in the Tables. An average of 3, derived from the returns of the previous six weeks, is inserted instead; and in the Table of Diseases is placed to *Causes not specified*. The true number is now ascertained to be 2.

BIRTHS and DEATHS Registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Aug. 23.	Aug. 30.	Sept. 6.	Sept. 13.	Sept. 20.	Sept. 27.	Oct. 4.	Oct. 11.	Oct. 18.	Oct. 25.	Nov. 1.	Nov. 8.	Nov. 15.
BIRTHS	1455	1401	1500	1429	1527	1484	1429	1415	1443	1673	1480	1480	1526
DEATHS	956	1061	967	1026	1097	958	1014	953	981	977	861	989	1022
DEATHS (except from Violence) . . .	944	1034	945	967	1068	907	944	930	959	958	845	960	1001
Deaths (except from Violence) at 60 years and upwards . .	183	173	140	191	204	179	199	171	182	171	167	197	205
Scarlatina	18	20	29	27	41	41	48	55	43	67	50	59	43
Typhus	41	54	41	57	67	46	61	60	67	79	60	58	58
Diarrhœa & Dysentery	148	181	200	108	106	94	66	54	43	34	36	34	30
Cholera	19	28	17	17	7	9	4	4	1	1	1	1	..
Mean Temperature .	63°·8	56°·4	60°·5	57°·1	57°·3	54°·8	53°·2	54°·6	52°·8	54°·5	46°·3	40°·0	40°·2

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 40°·2—Nov. 15.			
	35°·1 Nov. 20 1841	43°·3 Nov. 19 1842	38°·6 Nov. 18 1843	49°·0 Nov. 16 1844	45°·7 Nov. 15 1845	43°·9 Nov. 14 1846	50°·6 Nov. 13 1847	42°·1 Nov. 18 1848	45°·2 Nov. 17 1849	46°·2 Nov. 16 1850	Mean 44°·0 Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	800	886	1230	1072	941	916	1098	1188	878	908	9917	466	346	207	1022†
SPECIFIED CAUSES	793	879	1227	1068	938	914	1097	1185	876	903	9880	462	346	207	1015
1. Zymotic Diseases	155	147	227	256	264	150	322	386	204	209	2320	168	51	17	236
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	48	55	76	60	26	42	45	49	43	38	482	6	28	21	55
3. Tubercular Diseases	167	145	218	150	155	157	166	155	166	167	1646	67	107	5	179
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	88	119	132	129	93	133	105	123	108	100	1130	44	30	36	110
5. Diseases of the Heart and Blood-vessels	18	21	30	38	41	39	43	30	33	35	328	1	25	19	45
6. Diseases of the Lungs, and of the other Organs of Respiration	123	161	277	176	186	158	173	185	134	148	1721	83	41	44	168
7. Diseases of the Stomach, Liver, and other Organs of Digestion	61	54	70	56	41	68	78	73	50	53	604	24	29	9	62
8. Diseases of the Kidneys, &c.	4	6	9	9	8	6	9	15	7	12	85	3	7	4	14
9. Childbirth, Diseases of the Uterus, &c.	4	16	9	20	10	19	17	8	6	8	117	..	5	..	5
10. Rheumatism, Diseases of the Bones, Joints, &c.	2	5	11	7	5	14	11	9	8	5	77	1	6	1	8
11. Diseases of the Skin, Cellular Tissue, &c.	..	..	2	1	2	2	2	2	5	2	18	2	1	..	3
12. Malformations	1	1	1	1	1	3	7	6	2	4	27	3	..	..	3
13. Premature Birth & Debility	32	14	26	21	15	24	10	17	21	28	208	33	..	..	33
14. Atrophy	7	10	8	7	21	15	22	26	21	19	156	18	..	..	18
15. Age	60	79	100	69	45	53	46	49	28	38	567	..	..	47	47
16. Sudden	9	24	3	17	1	4	14	16	14	12	114	1	..	2	3
17. Violence, Privation, Cold, and Intemperance	14	22	28	51	24	27	27	36	26	25	280	8	16	2	26
1.—Small-pox	9	7	7	51	14	3	42	28	6	13	180	18	5	..	23
Measles	30	20	40	25	88	6	58	19	24	24	334	15	..	..	15
Scarlatina	18	50	51	84	28	19	71	119	41	39	520	43	..	..	43
Hooping Cough	45	28	25	23	66	25	17	26	22	27	304	22	..	..	22
Croup	8	6	12	7	9	9	9	7	6	5	78	10	..	..	10
Thrush	8	2	8	4	3	3	7	3	3	6	47	..	..	..	..
Diarrhœa	5	3	15	13	16	15	20	26	21	20	154	20	4	2	26
Dysentery	2	1	9	2	..	5	7	7	1	2	36	2	..	2	4
Cholera	..	..	..	1	..	1	1	54	8	..	65	..	..	..	..
Influenza	3	4	4	2	1	4	4	..	5	1	28	1	1	..	2
Purpura and Scurvy	..	..	..	1	1	..	..	2	1	1	6	1	1	..	2
Ague	..	1	2	1	..	..	1	1	..	..	6	..	..	..	..
Remittent Fever	..	..	1	1	..	..	1	2	1	1	7	3	..	..	3
Infantile Fever	*	*	*	*	*	*	*	1	2	1	4	..	..	..	..
Typhus	18	17	42	32	31	48	68	70	42	56	424	21	29	8	58
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	6	6	5	17	..	5	..	5
Rheumatic Fever	*	*	*	*	*	*	*	..	1	..	1	2	..	1	3
Erysipelas	8	7	10	8	5	10	16	13	13	7	97	6	6	4	16
Syphilis	1	1	1	1	1	2	..	2	1	1	11	4	..	..	4
Noma (or Canker)	*	*	*	*	..	..	..	..	..	..	..	..	..	..	..
Hydrophobia	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
2.—Hæmorrhage	3	3	5	2	3	2	5	8	..	2	33	..	1	..	1
Dropsy	32	33	41	33	8	17	19	12	18	8	221	2	6	7	15
Abscess	2	3	3	3	..	1	..	4	3	1	20	3	2	..	5
Ulcer	..	..	1	1	2	1	1	..	1	2	9	..	..	1	1
Fistula	..	..	..	..	..	1	..	..	..	1	2	..	..	1	1
Mortification	2	5	10	4	1	5	3	1	4	5	40	1	1	1	3
Cancer	8	10	14	16	11	15	16	24	17	17	148	..	18	8	26
Gout	1	1	2	1	1	..	1	..	..	2	9	..	..	3	3
3.—Scrofula	1	2	2	3	5	7	3	7	6	4	40	4	1	..	5
Tabes Mesenterica	3	1	7	10	11	11	16	11	10	13	93	13	1	..	14
Phthisis (or Consumption)	131	119	171	112	115	118	121	110	128	125	1250	13	105	5	123
Hydrocephalus	32	23	38	25	24	21	26	27	22	25	263	37	..	..	37

* See Note, page 366.

† See Note, page 363.

In the FORTY-SIXTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 40°·2—Nov. 15.			
	35°·1 Nov. 20 1841	43°·3 Nov. 19 1842	38°·6 Nov. 18 1843	49°·0 Nov. 16 1844	45°·7 Nov. 15 1845	43°·9 Nov. 14 1846	50°·6 Nov. 13 1847	42°·1 Nov. 18 1848	45°·2 Nov. 17 1849	46°·2 Nov. 16 1850	Mean 44°·0 Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	10	9	14	15	7	13	6	10	8	11	103	4	4	..	8
Apoplexy	19	18	25	24	19	34	14	18	22	34	227	2	10	15	27
Paralysis	14	18	22	23	17	19	17	35	22	20	207	..	5	15	20
Delirium Tremens	2	1	2	4	3	3	3	4	2	..	24	..	1	..	1
Chorea	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
Epilepsy	..	3	2	8	6	1	8	12	8	6	54	1	2	2	5
Tetanus	1	..	1	2	..	..	1	..	..	2	7	..	..	..	..
Insanity	2	..	1	1	1	1	2	3	1	1	13	..	1	1	2
Convulsions	36	67	56	47	32	49	43	25	32	23	410	36	1	..	37
Disease of Brain, &c.	3	3	9	5	8	13	11	16	13	3	84	1	6	3	10
5.—Pericarditis	..	..	2	1	1	1	2	..	1	2	10	..	2	1	3
Aneurism	..	1	..	1	2	2	2	2	1	2	13	..	2	1	3
Disease of Heart, &c.	18	20	28	36	38	36	39	28	31	31	305	1	21	17	39
6.—Laryngitis	1	2	..	4	..	1	6	4	4	1	23	2	1	..	3
Bronchitis	16	23	28	27	45	67	58	69	62	70	465	24	19	23	66
Pleurisy	1	1	3	3	5	1	5	4	3	1	27	..	1	3	4
Pneumonia	65	103	199	101	113	69	79	85	56	56	926	55	8	5	68
Asthma	23	22	33	18	13	12	18	17	5	12	173	1	6	11	18
Disease of Lungs, &c.	17	10	14	23	10	8	7	6	4	8	107	1	6	2	9
7.—Teething	12	3	23	10	9	12	6	9	8	7	99	11	..	..	11
Quinsey	1	2	3	3	..	1	2	1	1	..	14	4	..	..	4
Gastritis }	16	24	15	2	..	2	2	1	1	3	115	..	2	..	2
Enteritis }				11	7	3	15	6	4	3		1	7	..	8
Peritonitis	2	2	1	3	3	6	7	6	3	4	37	1	2	1	4
Ascites	..	..	4	1	..	1	2	4	3	..	15	1	..	..	1
Ulceration (of Intestines)	2	..	1	1	1	1	2	1	4	3	16	..	2	..	2
Hernia	3	..	3	3	3	4	2	5	1	1	25	..	2	2	4
Ileus	2	3	3	2	1	2	5	..	3	4	25	1	1	1	3
Intussusception	..	..	1	..	..	1	3	3	..	2	10	..	..	..	..
Stricture of Intestinal Canal	..	..	..	..	..	..	1	1	2	2	6	..	..	..	..
Disease of Stomach, &c.	6	9	3	6	5	10	8	6	3	4	60	3	2	2	7
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	1	..	4	4	6	5	6	4	5	36	..	1	..	1
Jaundice	2	6	2	2	1	2	2	5	2	3	27	2	1	1	4
Disease of Liver	14	4	11	8	6	17	16	19	11	12	118	..	9	2	11
Disease of Spleen	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
8.—Nephritis	2	..	..	..	1	..	1	1	..	..	5	..	..	1	1
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	5	4	2	11	1	4	..	5
Ischuria	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Diabetes	..	..	..	2	..	..	..	1	..	2	5	..	1	..	1
Stone	..	1	..	1	1	2	2	..	..	..	7	..	..	1	1
Cystitis	..	1	1	1	..	..	1	1	1	..	6	..	..	..	..
Stricture of Urethra	..	..	2	..	1	1	2	3	..	1	10	..	2	2	4
Disease of Kidneys, &c.	2	4	6	5	5	3	3	4	2	6	40	2	..	..	2
9.—Paramenia	1	..	..	..	..	..	1	..	..	..	2	..	..	..	..
Ovarian Dropsy	..	..	..	1	1	1	..	..	1	..	4	..	..	..	..
Childbirth (*see* Metria)	3	11	4	14	7	15	13	6	3	5	81	..	4	..	4
Disease of Uterus, &c.	..	5	5	5	2	3	3	2	2	3	30	..	1	..	1
10.—Arthritis	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Rheumatism	1	1	2	7	2	8	8	5	2	3	39	..	3	1	4
Disease of Joints, &c.	1	4	9	..	3	6	2	4	6	2	37	1	3	..	4
11.—Carbuncle	..	..	..	..	..	1	1	1	3	..	6	..	1	..	1
Phlegmon	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..
Disease of Skin, &c.	..	..	2	1	2	1	1	1	1	2	11	2	..	..	2
17.—Intemperance	..	..	1	1	2	3	2	1	..	2	12	..	2	..	2
Privation of Food	1	..	1	1	..	1	..	2	..	1	7	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	5	4	2	11	3	..	..	3
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	3	3	2	8	..	2	..	2
Burns and Scalds	*	*	*	*	*	*	*	4	3	5	12	2	..	1	3
Hanging and Suffocation	*	*	*	*	*	*	*	2	..	2	4	2	..	..	2
Drowning	*	*	*	*	*	*	*	7	2	2	11	..	..	..	..
Fractures	*	*	*	*	*	*	*	9	11	8	28	1	10	1	12
Wounds	*	*	*	*	*	*	*	3	3	..	6	..	2	..	2
Other Violence	*	*	*	*	*	*	*	..	..	1	1	..	..	..	..
All Violence	13	22	26	49	22	23	25	28	22	20	250	5	14	2	21
Causes not specified	7	7	3	4	3	2	1	3	2	5	37	4	..	..	7†

* See Note, page 366.

† See Note, page 363.

DEATHS Registered in the FORTY-SIXTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION† in		Mean Temperature for the Week ending Saturday,											
			35°·1 Nov. 20	43°·3 Nov. 19	38°·6 Nov. 18	49°·0 Nov. 16	45°·7 Nov. 15	43°·9 Nov. 14	50°·6 Nov. 13	42°·1 Nov. 18	45°·2 Nov. 17	46°·2 Nov. 16	Mean 44°·0 Sum of 10 Weeks.	40°·2 Nov. 15
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948369	2361640	800	886	1230	1072	941	916	1098	1188	878	908	9917	1022
1–6. WEST DISTRICTS .	301189	376332	124	124	183	147	143	125	173	174	112	135	1440	145
7–11. NORTH DISTRICTS .	376568	490441	150	206	230	191	149	154	215	190	165	167	1817	180
12–19. CENTRAL DISTRICTS	374199	392986	132	183	224	183	179	165	210	191	166	170	1803	175
20–25. EAST DISTRICTS .	393067	485336	178	178	285	218	217	199	221	258	202	212	2168	237
26–36. SOUTH DISTRICTS .	503346	616545	216	195	308	333	253	273	279	375	233	224	2689	285
1. Kensington . . . HL	74898	119990	25	32	43	37	31	37	46	57	42	29	379	45
2. Chelsea . . . . *W*H	40243	56543	19	19	26	21	17	27	26	18	19	29	221	17
3. St. George Hanover-sq. H	66657	73207	34	18	38	23	33	18	23	44	19	24	274	40
4. Westminster. . HHPP	56802	65609	19	28	34	39	37	22	44	32	14	33	302	19
5. St. Martin-in-the-Flds. H	25132	24557	16	10	25	19	11	9	17	10	8	8	133	12
6. St. James Westminster .	37457	36426	11	17	17	8	14	12	17	13	10	12	131	12
7. Marylebone . . . H	138383	157679	54	66	101	64	49	63	80	61	54	50	642	64
8. Hampstead	140078	11986	*	*	*	*	*	*	1	4	3	2	10	3
9. Pancras . . . *W*HH		167198	72	98	85	82	59	38	87	85	63	78	747	55
10. Islington . . . HHP	55779	95154	16	22	21	26	19	36	34	27	26	24	251	39
11. Hackney . . . . H	42328	58424	8	20	23	19	22	17	13	13	19	13	167	19
12. St. Giles	54378	54062	29	22	34	21	26	24	25	22	23	27	253	19
13. Strand (wkh. in 9) . H	43667	44446	12	17	22	27	21	15	23	19	16	17	189	15
14. Holborn	44532	46571	20	27	36	19	25	18	34	20	20	17	236	20
15. Clerkenwell . . PP	56799	64705	18	31	29	19	31	25	39	26	20	29	267	24
16. St. Luke (wkh. in 20) L	49908	54058	17	18	28	25	28	23	30	32	17	22	240	22
17. East London . . . P	39718	44407	9	24	20	22	23	23	26	26	17	22	212	25
18. West London *W*HPPP	29188	28829	15	30	32	31	7	25	17	24	37	20	238	34
19. City of Lon. (wkh. in 25)	56009	55908	12	14	23	19	18	12	16	22	16	16	168	16
20. Shoreditch . . *W*L	83564	109209	37	24	54	49	46	40	36	55	49	43	433	58
21. Bethnal Green . . L	74206	90170	23	38	41	32	40	28	33	68	32	38	373	52
22. Whitechapel . . . H	71879	79756	43	46	63	37	52	41	69	39	33	41	464	53
23. St. George-in-the-East .	41416	48375	21	24	41	25	20	29	23	23	21	22	249	21
24. Stepney . . . . H	90831	110669	44	32	62	52	50	50	41	40	44	42	457	37
25. Poplar. . . . *W*L	31171	47157	10	14	24	23	9	11	19	33	23	26	192	16
26. St. Saviour . . HH	33027	35729	13	26	37	21	12	19	24	33	19	16	220	19
27. St. Olave . . . HH	19869	19367	27	22	25	39	26	17	14	32	9	13	224	19
28. Bermondsey	35002	48128	17	16	28	20	24	37	22	22	17	17	220	29
29. St. Geo. Southwk. LPP	46718	51825	27	19	29	44	37	30	43	42	13	20	304	33
30. Newington . . . P	54693	64805	16	23	27	35	42	24	33	39	34	29	302	33
31. Lambeth	116072	139240	68	49	82	48	48	69	52	80	40	39	575	53
32. Wandsworth . . . L	39918	50770	*	*	*	13	14	16	7	12	20	21	103	21
33. Camberwell . . . LL	39931	54668	14	14	25	22	16	22	10	33	19	18	193	18
34. Rotherhithe	13940	17778	8	5	11	5	7	2	8	15	5	2	68	8
35. Greenwich . HHHP	81125	99404	26	21	44	86	27	37	55	62	48	46	452	43
36. Lewisham. . . . *W*	23051	34831	*	*	*	*	*	*	11	5	9	3	28	9

† Seamen and others on board vessels in the docks and river are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 9917; which divided by 10 gives 992 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 992 divided by 10 is about 99, which added to 992, makes the corrected average 1091. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 180 in 10 weeks; the average was 18; the corrected average 20. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831–41; 1·998 *per cent.* annually in the ten years, 1841–51; and 1·778 *per cent.* annually in the fifty years, 1801–51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5{\cdot}5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	1	1
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	1	1	2
2 *St. George Hanover Square [Chelsea N.W.]*	1	1	2
3 St. George Hanover Square [May Fair]	2	.	2
4 Westminster [St. Margaret]	.	1	1
5 St. Martin-in-the-Fields [Charing Cross]	2	.	2
6 St. James Westminster [Golden Square]	1	.	1
7 Marylebone [Rectory]	4	3	7
9 *Strand [Tottenham Court]*	.	.	.
9 Pancras [Camden Town]	2	2	4
10 Islington [West]	1	.	1
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	2	2	4
14 Holborn [St. Andrew East]	.	1	1
15 Clerkenwell [St. James]	.	.	.
17 East London [St. Botolph]	1	.	1
18 *East London [West London North]*	5	3	8
18 West London [North]	1	.	1
20 Shoreditch [Haggerstone West]	3	1	4
20 *St. Luke [Hoxton New Town]*	.	1	1
21 Bethnal Green [The Green]	3	3	6
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	5	6	11
23 St. George-in-the-East [St. John]	3	.	3
24 Stepney [Shadwell]	.	.	.
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	1	.	1
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	.	2	2
25 Poplar [Poplar]	.	.	.
26 St. Saviour [Christchurch]	.	1	1
27 St. Olave [St. John Horselydown]	1	.	1
28 Bermondsey [St. Mary Magdalen]	1	2	3
29 St. George Southwark [Borough Road]	2	4	6
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2d]	3	3	6
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	1	1	2
33 Camberwell [Camberwell]	1	1	2
34 Rotherhithe	.	1	1
35 Greenwich [East]	.	.	.
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	47	41	88
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	7	.	7
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	1	.	1
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	8	.	8
General Hospitals:—			
3 St. George [Belgrave]	8	5	13
4 Westminster [St. Margaret]	1	.	1
5 Charing Cross [Charing Cross]	1	.	1
7 Middlesex [All Souls]	.	4	4
9 University College [Tottenham Court]	6	5	11
9 Royal Free Hospital [Gray's Inn Lane]	.	.	.
13 King's College [St. Clement Danes]	.	.	.
18 St. Bartholomew [West London North]	4	5	9
22 London [Whitechapel Church]	1	2	3
27 Guy's [St. Olave and St. Saviour]	3	2	5
27 St. Thomas [St. Olave & St. Saviour]	4	3	7
Total	28	26	54
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	3	.	3
10 Fever [Islington West]	1	2	3
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	1	1
Total	4	3	7

	M.	F.	T.
HOSPITALS—*continued.*			
Lying-in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northum. House [Stoke Newington]	.	1	1
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	1	1	2
20 Miles' [St. Leonard]	2	.	2
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	1	2
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	.	.
Total	4	3	7
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	4	.	4
36 Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	4	.	4
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	1	.	1
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	1	.	1
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	47	41	88
Military and Naval Asylums	8	.	8
General Hospitals	28	26	54
Hospitals for Special Diseases	4	3	7
Lying-in Hospitals	.	.	.
Lunatic Asylums	4	3	7
Military and Naval Hospitals	4	.	4
Hospitals and Asylums for Foreigners	1	.	1
Prisons	.	.	.
Total in Public Institutions	96	73	169

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 15th November 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Difference between the Dew Point Temperature and Air Temperature. Greatest.	Difference between the Dew Point Temperature and Air Temperature. Least.	Difference between the mean temperature of the day and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	Osler's. General Direction. P.M.	Osler's. Pressure in lbs. on the square foot. Greatest.	Osler's. Pressure in lbs. on the square foot. Least.	Osler's. Pressure in lbs. on the square foot. Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
November.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday .	9	..	29·749	46·2	39·6	42·9	38·3	..	34·0	46·8	43·0	4·6	5·5	2·9	—2·7	Calm	Calm	0·0	0·0	0·0	30	0·03
Monday .	10	..	29·559	49·4	38·8	43·5	37·7	..	38·0	46·2	43·0	5·8	10·4	2·4	—1·9	Calm	N.	0·0	0·0	0·0	40	0·16
Tuesday .	11	..	29·960	52·2	33·4	42·7	36·9	..	25·4	46·2	43·0	5·8	10·6	2·6	—2·5	E.	N.	0·0	0·0	0·0	90	0·01
Wednesday	12	..	30·168	48·4	37·8	40·9	36·6	..	28·8	45·8	43·2	4·3	7·0	2·8	—4·1	N.	N.	0·0	0·0	0·0	5	0·00
Thursday .	13	Greatest Dec. N.	30·307	46·4	33·6	40·7	37·6	..	27·0	45·5	43·2	3·1	5·8	0·0	—4·1	N.	W.S.W. & W.	0·0	0·0	0·0	80	0·00
Friday . .	14	..	30·161	47·3	34·0	39·4	31·1	..	33·0	45·0	42·6	8·3	10·8	6·5	—5·4	N.W. & N.	N.	4·0	0·0	0·3	75	0·00
Saturday .	15	..	29·880	37·4	28·0	31·3	26·5	..	20·0	44·5	42·0	4·8	8·0	3·1	—3·1	N.W.	Calm	0·0	0·0	0·0	40	0·00
Means . .		..	29·969	46·8	35·0	40·2	34·8	..	29·5	45·7	42·9	5·2	8·3	2·9	—3·4	N.		..	..	..	Sum 360	Sum 0·20
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

Sunday . .	Nothing was shown at any examination.
Monday. .	Positive, and tension strong during the afternoon.
Tuesday .	Positive, and tension moderate during the morning and afternoon.
Wednesday	Positive, and tension moderate during the afternoon and evening.
Thursday .	Positive, and very active throughout the day; frequent sparks were shown.
Friday . .	Positive, and tension weak at night.
Saturday .	Positive, and tension strong during the afternoon.

GENERAL REMARKS.

The sky was overcast throughout the day; cirrostratus.

Three fourths of the sky were generally covered until 5h. P.M., and overcast afterwards; cirrocumuli, strati, and scud.

Three fourths of the sky were covered till 10h. A.M., clear from this time until 8h. P.M., and overcast afterwards.

The sky was for the most part covered till near noon, and generally free from cloud during the remainder of the day; cirrocumuli and strati.

The sky was overcast throughout the day; cirrostratus and dense fog.

Three fourths of the sky were covered during the afternoon, at other times during the day it was generally free from cloud.

The sky was generally covered with cloud during the morning and afternoon, and clear at night; cirrocumuli, cirrostrati, and haze.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R.S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 41·2°; and the mean reading at 9h. P.M. was 39·2°; the mean readings at the Royal Observatory for the same times were 39·0° and 37·0° respectively.

The reading of the barometer decreased from 29·74 in. to 29·53 in. by the morning of the 10th; increased to 30·34 in. by 9h. A.M. on the 13th; and decreased to 29·86 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, November 22. [No. 47.

HEALTH OF LONDON DURING THE WEEK.

A further and important increase in the mortality is an indication that the public health has suffered to a considerable extent from the coldness of the weather. The deaths registered in London, which in the last week of October were 861, and in the first two weeks of November increased to 989 and 1022, rose in the week which ended last Saturday to 1132.

During three weeks of October the weekly mean temperature at Greenwich exceeded 52°; in the last week of that month it fell to 46°; in the first two weeks of November to 40°; and last week it exhibited a further decline to 35°.

The present Return is heavy as compared with corresponding weeks of the ten years 1841–50, the average of which did not exceed 992. If the average be corrected for increase of population, it becomes 1091, on which last week's mortality shows an excess of 41.

With the depression of temperature towards the close of the year comes increased fatality of diseases of the respiratory organs. This class, which is exclusive of phthisis, numbered in the two previous weeks 148 and 168, but last week the number rose to 256, whilst the corrected average of corresponding weeks is 208. These 256 deaths are distributed thus: 103 caused by bronchitis, 105 by pneumonia or inflammation of the lungs (of which 82 occurred among children), 27 by asthma, 4 by laryngitis, 5 by pleurisy, and 12 by other diseases of the respiratory organs.

Phthisis, or consumption, has not discovered the same tendency to increase, the numbers ascribed to this disease in the last three weeks having been 125, 123, and 135. This last number, however, is somewhat greater than the corrected average.

Next to the above class in its contingent of mortality, and nearly equal to it, is that of epidemics, among which typhus, scarlatina, and small-pox are the most fatal. Sixty-two persons, of whom 23 were children, 33 were 15 years of age and under 60, and 6 were 60 years and upwards, were carried off by typhus, continued fever, &c. In the Workhouse, Bishopsgate, the son of a labourer, aged 4 years, died on 19th November of "petechial fever (15 days), broncho-pneumonia (4 days)." This child was admitted with its mother a month ago from 3 Harrow-alley, Aldgate, the father also lying ill with fever in the men's house. Mr. Spencer observes that the place they came from is situated amongst a number of slaughter-houses, close and confined, the houses being in a dirty state, and mostly crowded by Irish of the poorer class.

In the sub-district of Mile-end, New Town, at 2 Dyer's-court, Booth-street, on 17th November, the daughter of a labourer, aged 5 years, died of low fever. The

medical officer reports that "this is the third death within the last three months in the same family. The water-closets are in a very bad state."

Three deaths which occurred respectively on the 19th, the 20th, and the 21st November were registered at the London Fever Hospital; the first was that of a police constable, the second that of a workman from the Chemical Works, Battersea-fields, and the third that of a fruitseller from Clerkenwell. Mr. Watts, the Registrar, states that "at this Hospital which is situated in the Liverpool-road, Islington, 15 patients were admitted on one day in last week. The number at present under treatment is 106. It is right that the public should know that it is a free hospital, supported by voluntary contributions, and that patients are admitted by a surgeon's certificate."

The number of fatal cases of scarlatina registered last week was 45. In corresponding weeks of ten previous years the number ranged from 17 to 118. In Paddington, at 108 Praed-street, on 16th November, the daughter of a cordwainer, aged 10 years, died of "scarlatina, malignant sore throat (5 days)." The medical attendant of this case states that the deceased had lived in a cold and damp kitchen.

Last week small-pox carried off 26 children, and 5 persons of 15 years of age and upwards. In 4 of these cases it is stated that the patients had at some previous time been vaccinated. On 20th November the son of a French polisher, aged 8 years, at 12 King-street, in the sub-district of Golden-square, died of "variola (10 days), not vaccinated." This (says Mr. Churchman) is the first case of small-pox I have entered during a period of nearly three years and a half in which I have been Registrar. At 44 Gerrard-street, Islington, a spinster, aged 30 years, died on 19th November of "confluent small-pox (16 days)." She had been vaccinated when young; her brother, also an adult, had an attack, but recovered. At 7 Craven-buildings, St. Clement Danes, on 19th November, the son of a engineer, aged 11 years, died of "small-pox confluent (13 days), unprotected." Mr. Fitch states that "the father of deceased attributes the death of a former child to foul matter being used, and for this reason omitted to vaccinate three other children, who all had the disease at the same time." In Lambeth, Waterloo-road sub-district (second part), at 51 Oakley-street, on 20th November, the daughter of a stay-maker, aged 3 years, who had been ineffectually vaccinated, died of "small-pox (14 days);" and in the same street, at No. 49, on 17th November, the daughter of a commercial traveller, aged 13 years, died of "small-pox (9 days), without vaccination." Mr. Daws adds that small-pox has been very prevalent in his district for some months; and in Oakley-street there are several other cases at the present time. In the sub-district of South St. Giles-in-the-fields, at 37 Broad-street, the daughter of a labourer, aged 4 years, died on 21st November of small-pox, without medical attendant. Mr. Faulkner remarks: "This child had not been vaccinated, and a surgeon was called in only when it was dying. The mother did not consider it necessary to have advice earlier, as she had already attended several children with the same disease." In Deptford, at 1 Sun-street, on 19th November, the son of a wheelwright, aged 2 years, died of "small-pox (11 days), vaccinated with effect 15 days before death." Mr. Marchant remarks that "a brother of deceased died of the disease in the same house on the 2d instant. There can be little doubt therefore that this child was infected before vaccination."

Amongst other causes of death are measles, which carried off 19 children, hooping-cough 27, croup 7; diarrhœa of which 21 persons died, influenza 3, purpura 3, remittent fever 1, rheumatic fever 1, erysipelas 12; 4 children died of syphilis, 8

from want of breast milk and inanition, and 2 were suffocated in bed. At Woolwich a boy of 10 years died of "disease of the hip (nearly 2 years)." It is added that he injured himself in endeavouring to imitate some strolling tumblers, who were passing through the town.

The births of 723 boys and 658 girls, in all 1381 children, were registered last week. The average of six corresponding weeks in 1845–50 was 1330.

At the Royal Observatory, Greenwich, the mean height of the barometer last week was 29·778 in. The mean temperature was 35·1°, or nearly 9 degrees lower than the average of corresponding weeks in 10 years. The air was coldest on Monday and Wednesday, when the daily means were 31·7° and 30·8°, which are respectively 12° and 13° below the averages of corresponding days. The wind blew for the most part from the north.

Births Registered last Week, and in the Forty-seventh Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
Total . . .	1217	1303	1256	1366	1457	1381	1330	1381
Males . . .	639	632	616	696	778	708	678	723
Females . .	578	671	640	670	679	673	652	658

Deaths Registered last Week, and in the Forty-seventh Week of Ten previous Years.

	Ages.	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
Total . .		893	853	1188	914	909	966	1086	1207	892	1016	992·4	1132
Males . .		451	429	625	443	475	502	544	585	425	492	497·1	555
Females .		442	424	563	471	434	464	542	622	467	524	495·3	577
Deaths at three periods of life . .	0—15	411	405	618	459	468	390	568	595	411	461	478·6	508
	15—60	270	277	331	301	242	359	333	384	278	346	312·1	379
	60 & up.	212	170	239	153	198	217	184	227	187	208	199·5	242

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

Births and Deaths Registered in London in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Aug. 30.	Sept. 6.	Sept. 13.	Sept. 20.	Sept. 27.	Oct. 4.	Oct. 11.	Oct. 18.	Oct. 25.	Nov. 1.	Nov. 8.	Nov. 15.	Nov. 22.
Births	1401	1500	1429	1527	1484	1429	1415	1443	1673	1480	1480	1526	1381
Deaths	1061	967	1026	1097	958	1014	953	981	977	861	989	1022	1132
Deaths (except from Violence) . . .	1034	945	967	1068	907	944	930	959	958	845	960	1001	1107
Deaths (except from Violence) at 60 years and upwards . .	173	140	191	204	179	199	171	182	171	167	197	205	239
Scarlatina	20	29	27	41	41	48	55	43	67	50	59	43	45
Typhus	54	41	57	67	46	61	60	67	79	60	58	58	62
Diarrhœa & Dysentery	181	200	108	106	94	66	54	43	34	36	34	30	22
Cholera	28	17	17	7	9	4	4	1	1	1	1	..	..
Mean Temperature .	56°·4	60°·5	57°·1	57°·3	54°·8	53°·2	54°·6	52°·8	54°·5	46°·3	40°·0	40°·2	35°·1

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 35°·1—Nov. 22.			
	41°·8 Nov. 27 1841	41°·6 Nov. 26 1842	45°·6 Nov. 25 1843	45°·5 Nov. 23 1844	45°·8 Nov. 22 1845	47°·1 Nov. 21 1846	41°·6 Nov. 20 1847	45°·5 Nov. 25 1848	43°·3 Nov. 24 1849	46°·9 Nov. 23 1850	Mean 44°·5 Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	893	853	1188	914	909	966	1086	1207	892	1016	9924	508	379	242	1132†
SPECIFIED CAUSES	881	848	1185	913	905	965	1082	1206	872	1016	9873	503	378	238	1122†
1. Zymotic Diseases	161	147	241	210	206	159	344	387	178	203	2236	171	56	13	240
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	69	67	70	53	39	42	37	57	54	49	537	1	16	20	37
3. Tubercular Diseases	153	148	193	134	165	154	156	166	147	153	1569	61	119	4	184
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	110	115	136	103	98	130	108	117	101	134	1152	47	37	39	123
5. Diseases of the Heart and Blood-vessels	20	20	35	33	31	39	30	42	40	38	328	1	34	21	57†
6. Diseases of the Lungs, and of the other Organs of Respiration	142	142	268	175	184	203	180	222	170	201	1887	133	60	63	256
7. Diseases of the Stomach, Liver, and other Organs of Digestion	60	52	64	60	47	58	64	62	56	56	579	15	21	13	51†
8. Diseases of the Kidneys, &c.	1	10	12	3	8	9	16	7	9	18	93	1	2	5	8
9. Childbirth, Diseases of the Uterus, &c.	11	11	8	16	6	22	13	6	8	9	110	..	8	..	8
10. Rheumatism, Diseases of the Bones, Joints, &c.	5	4	9	7	7	13	13	7	4	8	77	3	3	3	9
11. Diseases of the Skin, Cellular Tissue, &c.	..	1	1	..	1	1	1	1	1	4	11	1	1	..	2
12. Malformations	1	2	4	..	2	4	3	6	3	7	32	3	..	..	3
13. Premature Birth & Debility	34	20	17	18	24	18	23	24	13	19	210	31	1	..	32
14. Atrophy	3	6	12	12	11	26	26	15	26	18	155	16	2	1	19
15. Age	79	68	81	50	48	55	40	52	35	48	556	..	..	53	53
16. Sudden	13	19	14	7	3	4	4	8	13	13	98	2	3	..	5
17. Violence, Privation, Cold, and Intemperance	19	16	20	32	25	28	24	27	14	38	243	17	15	3	35
1.—Small-pox	3	8	11	40	8	4	26	27	17	11	155	26	5	..	31
Measles	39	34	41	24	63	7	76	19	30	26	359	19	..	..	19
Scarlatina	17	43	61	60	25	27	69	118	35	41	496	42	3	..	45
Hooping Cough	59	12	45	17	50	21	24	36	12	25	301	27	..	..	27
Croup	13	9	7	6	7	2	5	1	5	3	58	7	..	..	7
Thrush	1	4	5	1	1	5	6	7	2	3	35	..	..	..	..
Diarrhœa	3	4	13	7	9	17	24	27	16	18	138	16	2	3	21
Dysentery	..	3	2	3	2	5	2	6	1	2	26	..	1	..	1
Cholera	..	..	1	..	..	..	..	34	2	1	38	..	..	..	..
Influenza	2	1	8	5	3	5	4	1	4	3	36	2	1	..	3
Purpura and Scurvy	..	..	..	1	1	2	..	2	1	2	9	1	2	..	3
Ague	..	..	..	3	..	1	..	1	2	1	8	..	..	..	..
Remittent Fever	..	..	3	1	2	1	6	2	1	4	20	1	..	..	1
Infantile Fever	*	*	*	*	*	*	*	1	1	1	3	..	..	..	..
Typhus	20	24	40	27	29	58	86	70	34	47	435	23	33	6	62
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	15	5	3	23	..	3	..	3
Rheumatic Fever	*	*	*	*	*	*	*	4	2	2	8	..	..	1	1
Erysipelas	3	5	4	13	4	4	13	13	6	7	72	3	6	3	12
Syphilis	..	..	..	2	1	..	3	3	2	3	14	4	..	..	4
Noma (or Canker)	*	*	*	*	1	..	..	..	..	..	1	..	..	..	..
Hydrophobia	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..
2.—Hæmorrhage	1	5	3	2	3	2	5	3	8	2	34	..	4	..	4
Dropsy	47	39	44	28	12	18	13	14	22	19	256	..	5	10	15
Abscess	6	2	1	3	2	..	..	5	2	3	24	1	..	1	2
Ulcer	..	1	1	..	1	..	1	2	1	..	7	..	1	1	2
Fistula	..	..	..	..	..	..	..	..	..	1	1	..	..	1	1
Mortification	2	3	5	3	2	3	2	4	2	3	29	..	..	3	3
Cancer	13	16	13	16	18	16	14	29	19	21	175	..	6	4	10
Gout	..	1	3	1	1	3	2	..	..	..	11	..	..	..	..
3.—Scrofula	2	1	2	6	6	8	3	6	7	6	47	5	3	..	8
Tabes Mesenterica	6	8	7	4	11	16	21	21	9	10	113	13	2	..	15
Phthisis (or Consumption)	121	115	141	105	105	113	108	103	104	111	1126	17	114	4	135
Hydrocephalus	24	24	43	19	43	17	24	36	27	26	283	26	..	..	26

* See Note, page 374.

† The ages of three persons who died, one from *disease of heart*, one from *teething*, and the third from *enteritis*, are not stated.

In the FORTY-SEVENTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 35°·1—Nov. 22.			
	41°·8 Nov. 27 1841	41°·6 Nov. 26 1842	45°·6 Nov. 25 1843	45°·5 Nov. 23 1844	45°·8 Nov. 22 1845	47°·1 Nov. 21 1846	41°·6 Nov. 20 1847	45°·5 Nov. 25 1848	43°·3 Nov. 24 1849	46°·9 Nov. 23 1850	Mean 44°·5 Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	14	14	6	10	9	14	8	6	8	10	99	4	3	..	7
Apoplexy	18	13	19	25	21	34	25	23	16	28	222	5	11	18	34
Paralysis	15	16	25	18	20	17	24	24	21	22	202	..	5	11	16
Delirium Tremens	1	2	2	2	3	4	3	6	..	4	27	..	2	..	2
Chorea	..	1	..	1	..	..	..	..	..	..	2	..	..	..	..
Epilepsy	2	3	1	2	5	8	5	5	6	8	45	1	8	2	11
Tetanus	1	..	2	1	..	..	2	..	..	..	6	..	..	..	..
Insanity	..	1	4	1	..	1	..	1	2	2	12	1	3	2	6
Convulsions	52	61	58	37	33	38	36	37	35	44	431	36	..	3	39
Disease of Brain, &c.	7	4	19	6	7	14	5	15	13	16	106	..	5	3	8
5.—Pericarditis	..	..	1	2	2	1	1	6	2	3	18	..	4	..	4
Aneurism	..	..	2	..	1	2	1	1	1	3	11	..	2	..	2
Disease of Heart, &c.	20	20	32	31	28	36	28	35	37	32	299	1	28	21	51†
6.—Laryngitis	..	..	4	1	2	3	4	7	6	3	30	3	1	..	4
Bronchitis	12	19	38	18	54	62	61	81	60	77	482	44	23	36	103
Pleurisy	1	2	2	4	6	4	3	3	2	..	27	1	2	2	5
Pneumonia	70	82	172	118	90	97	95	97	82	94	997	82	14	9	105
Asthma	40	20	42	17	17	20	9	21	12	15	213	..	13	14	27
Disease of Lungs, &c.	19	19	10	17	15	17	8	13	8	12	138	3	7	2	12
7.—Teething	19	13	18	13	4	8	5	8	11	14	113	4	..	..	5†
Quinsey	2	2	3	3	..	1	2	3	..	3	19	4	1	..	5
Gastritis } Enteritis	14	13	16	.. / 19	1 / 8	1 / 3	.. / 9	1 / 12	3 / 6	1 / 7	114	.. / 3	.. / 3	1 / 2	1 / 9†
Peritonitis	1	1	1	3	2	7	5	5	2	4	31	2	2	1	5
Ascites	1	1	..	2	3	1	4	3	2	4	21	..	1	1	2
Ulceration (of Intestines)	1	2	3	3	2	6	3	2	3	3	28	..	1	..	1
Hernia	..	2	1	1	4	4	6	4	1	..	23	..	..	1	1
Ileus	1	2	3	1	..	2	3	3	3	1	19	..	1	..	1
Intussusception	2	..	..	..	..	..	..	..	3	1	6	..	..	..	..
Stricture of Intestinal Canal	..	..	1	1	1	..	1	1	..	2	7	..	1	1	2
Disease of Stomach, &c.	5	5	6	2	1	6	9	6	7	5	52	1	2	2	5
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	1	1	3	2	4	8	4	4	3	31	..	..	..	..
Jaundice	4	2	3	1	4	4	..	1	3	2	24	..	..	1	1
Disease of Liver	9	8	8	7	15	10	9	9	8	6	89	1	9	3	13
Disease of Spleen	..	..	..	1	..	1	..	..	..	..	2	..	..	..	..
8.—Nephritis	..	..	4	..	1	..	..	..	..	2	7	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	2	2	4	8	..	1	..	1
Ischuria	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
Diabetes	..	..	1	..	1	..	2	..	..	2	6	..	..	..	..
Stone	..	..	..	..	..	1	..	..	..	1	2	..	..	..	..
Cystitis	..	..	1	..	1	..	..	..	1	2	5	..	..	..	..
Stricture of Urethra	..	3	..	..	..	..	4	1	..	2	10	..	1	..	1
Disease of Kidneys, &c.	1	7	5	3	5	8	10	4	6	5	54	1	..	5	6
9.—Paramenia	..	..	..	..	..	1	1	..	..	1	3	..	..	..	..
Ovarian Dropsy	..	..	1	..	1	..	1	..	5	2	10	..	2	..	2
Childbirth (*see* Metria)	10	10	4	11	3	17	9	6	2	5	77	..	3	..	3
Disease of Uterus, &c.	1	1	3	5	2	4	2	..	1	1	20	..	3	..	3
10.—Arthritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rheumatism	3	3	6	3	2	8	6	7	3	5	46	..	1	2	3
Disease of Joints, &c.	2	1	3	4	5	5	7	..	1	3	31	3	2	1	6
11.—Carbuncle	..	..	..	..	1	..	..	..	..	1	2	..	1	..	1
Phlegmon	..	..	..	..	..	..	1	1	1	1	4	..	..	..	..
Disease of Skin, &c.	..	1	1	..	..	1	..	..	..	2	5	1	..	..	1
17.—Intemperance	..	1	..	..	1	2	2	..	..	1	7	..	..	..	..
Privation of Food	..	..	2	2	1	1	..	..	1	..	7	..	1	..	1
Want of Breast-milk	*	*	*	*	*	*	*	2	3	3	8	8	..	..	8
Neglect	*	*	*	*	*	*	*	..	..	..	..	1	..	..	1
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	2	1	2	5	..	1	1	2
Burns and Scalds	*	*	*	*	*	*	*	6	4	4	14	3	..	..	3
Hanging and Suffocation	*	*	*	*	*	*	*	2	2	4	8	2	3	..	5
Drowning	*	*	*	*	*	*	*	..	..	9	9	..	3	..	3
Fractures	*	*	*	*	*	*	*	13	1	11	25	2	4	2	8
Wounds	*	*	*	*	*	*	*	2	2	3	7	1	2	..	3
Other Violence	*	*	*	*	*	*	*	..	..	1	1	..	1	..	1
All Violence	19	15	18	30	23	25	22	25	10	34	221	8	14	3	25
Causes not specified	12	5	3	1	4	1	4	1	20	..	51	5	1	4	10

* See Note, page 374.

† The ages of three persons who died, one from *disease of heart*, one from *teething*, and the third from *enteritis*, are not stated.

DEATHS Registered in the FORTY-SEVENTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION† in		Mean Temperature for Week ending Saturday,											
			41·8 Nov. 27	41·6 Nov. 26	45·6 Nov. 25	45·5 Nov. 23	45·8 Nov. 22	47·1 Nov. 21	41·6 Nov. 20	45·5 Nov. 25	43·3 Nov. 24	46·9 Nov. 23	Mean 44°·5 Sum of 10 Weeks.	35·1 Nov. 22
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948369	2362178	893	853	1188	914	909	966	1086	1207	892	1016	9924	1132
1-6. WEST DISTRICTS .	301189	376427	138	101	177	131	144	144	180	153	148	163	1479	157
7-11. NORTH DISTRICTS .	376568	490396	167	160	194	159	129	201	167	231	137	176	1721	187
12-19. CENTRAL DISTRICTS	374199	393198	176	182	236	145	200	173	205	170	130	148	1765	210
20-25. EAST DISTRICTS .	393067	485522	216	178	306	212	198	206	262	318	229	239	2364	250
26-36. SOUTH DISTRICTS .	503346	616635	196	232	275	267	238	242	272	335	248	290	2595	328
1. Kensington . . . HL	74898	120004	39	15	40	34	36	35	47	42	47	42	377	41
2. Chelsea . . . . *W*H	40243	56538	21	23	31	20	25	18	22	17	30	27	234	31
3. St. George Hanover-sq. H	66657	73230	31	22	30	34	28	29	36	28	33	30	301	26
4. Westminster . HHPP	56802	65609	17	19	41	26	26	35	43	37	20	44	308	30
5. St. Martin-in-the-Flds. H	25132	24640	15	8	22	7	8	15	18	10	7	7	117	8
6. St. James Westminster .	37457	36406	15	14	13	10	21	12	14	19	11	13	142	21
7. Marylebone . . . H	138383	157696	71	53	69	70	58	61	52	76	49	48	607	72
8. Hampstead	140078	11986	*	*	*	*	*	*	..	4	..	4	8	3
9. Pancras . . . *W*HH		166956	61	64	75	58	44	81	73	71	55	69	651	58
10. Islington . . . HHP	55779	95329	22	28	38	15	18	41	28	51	19	35	295	41
11. Hackney . . . . H	42328	58429	13	15	12	16	9	18	14	29	14	20	160	13
12. St. Giles	54378	54214	25	26	36	16	23	21	28	31	24	22	252	30
13. Strand (wkh. in 9) . H	43667	44460	27	16	30	21	21	24	19	12	8	16	194	19
14. Holborn	44532	46571	17	31	32	14	24	22	30	22	14	25	231	32
15. Clerkenwell . . PP	56799	64720	21	31	35	24	29	26	33	23	20	25	267	31
16. St. Luke (wkh. in 20) L	49908	54055	15	16	30	12	21	22	25	14	23	20	198	27
17. East London . . . P	39718	44406	23	22	26	20	26	17	29	27	21	16	227	25
18. West London *W*HPPP	29188	28840	26	22	30	24	32	25	21	22	7	14	223	20
19. City of Lon. (wkh. in 25)	56009	55932	22	18	17	14	24	16	20	19	13	10	173	26
20. Shoreditch . . *W*L	83564	109257	57	47	55	56	45	49	50	81	52	55	547	62
21. Bethnal Green . . L	74206	90193	27	36	57	34	27	48	48	64	47	56	444	47
22. Whitechapel . . . H	71879	79759	36	36	53	48	36	42	53	67	49	39	459	39
23. St. George in the East .	41416	48376	32	19	30	19	25	21	37	26	20	31	260	23
24. Stepney . . . . H	90831	110775	44	27	86	42	47	32	56	53	44	41	472	56
25. Poplar . . . *W*L	31171	47162	20	13	25	13	18	14	18	27	17	17	182	23
26. St. Saviour . . HH	33027	35731	20	24	26	17	21	17	24	20	13	23	205	23
27. St. Olave . . . HH	19869	19375	11	19	20	14	22	25	21	29	17	23	201	16
28. Bermondsey	35002	48128	19	18	38	19	21	19	33	18	28	18	231	42
29. St. Geo. Southwk. LPP	46718	51824	27	26	25	35	16	33	30	33	27	41	293	38
30. Newington . . . P	54693	64816	18	33	21	28	26	28	26	36	33	35	284	35
31. Lambeth	116072	139325	44	42	69	63	53	44	63	71	51	53	553	62
32. Wandsworth . . . L	39918	50764	*	*	*	9	10	21	13	29	10	22	114	16
33. Camberwell . . . LL	39931	54667	16	14	18	16	19	12	12	22	16	28	173	27
34. Rotherhithe	13940	17805	7	7	6	11	17	4	8	13	5	12	90	7
35. Greenwich . HHHP	81125	99365	34	49	52	55	33	39	34	57	40	24	417	51
36. Lewisham . . . *W*	23051	34835	*	*	*	*	*	*	8	7	8	11	34	11

† Seamen and others on board vessels in the docks and river are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841-50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 9924; which, divided by 10, gives 992 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 992 divided by 10 is about 99, which added to 992, makes the corrected average 1091. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 155 in 10 weeks; the average was 16; the corrected average 18. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831-41; 1·998 *per cent.* annually in the ten years, 1841-51; and 1·778 *per cent.* annually in the fifty years, 1801-51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841-50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5{\cdot}5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	1	.	1
2 Chelsea [North West]	.	1	1
2 *St. George Hanover Square [Chelsea N.W.]*	.	1	1
3 St. George Hanover Square [May Fair]	.	.	.
4 Westminster [St. Margaret]	3	2	5
5 St. Martin-in-the-Fields [Charing Cross]	.	2	2
6 St. James Westminster [Golden Square]	2	1	3
7 Marylebone [Rectory]	3	8	11
9 *Strand [Tottenham Court]*	2	2	4
9 Pancras [Camden Town]	4	4	8
10 Islington [West]	4	2	6
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	6	.	6
14 Holborn [St. Andrew East]	1	.	1
15 Clerkenwell [St. James]	1	.	1
17 East London [St. Botolph]	1	2	3
18 *East London [West London North]*	.	.	.
18 West London [North]	3	.	3
20 Shoreditch [Haggerstone West]	3	2	5
20 *St. Luke [Hoxton New Town]*	.	.	.
21 Bethnal Green [The Green]	2	2	4
22 Whitechapel [Mile End New Town]	1	1	2
22 Whitechapel [North]	2	.	2
23 St. George-in-the-East [St. John]	.	2	2
24 Stepney [Shadwell]	.	6	6
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	2	.	2
24 City of London [ditto]	.	1	1
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	3	1	4
25 Poplar [Poplar]	.	3	3
26 St. Saviour [Christchurch]	1	5	6
27 St. Olave [St. John Horselydown]	1	1	2
28 Bermondsey [St. Mary Magdalen]	3	3	6
29 St. George Southwark [Borough Road]	4	1	5
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2d]	4	3	7
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	.	1	1
33 Camberwell [Camberwell]	1	1	2
34 Rotherhithe	.	.	.
35 Greenwich [East]	4	2	6
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	62	60	122
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	4	.	4
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	3	.	3
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	7	.	7
General Hospitals:—			
3 St. George [Belgrave]	4	2	6
4 Westminster [St. Margaret]	2	.	2
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	4	2	6
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	1	2	3
18 St. Bartholomew [West London North]	3	2	5
22 London [Whitechapel Church]	2	1	3
27 Guy's [St. Olave and St. Saviour]	5	3	8
27 St. Thomas [St. Olave and St. Saviour]	.	1	1
Total	21	13	34
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	4	1	5
10 Fever [Islington West]	2	1	3
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	1	1
Total	6	3	9

	M.	F.	T.
HOSPITALS — *continued.*			
Lying-in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	1	1
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	.	1	1
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	1	1
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	1	.	1
29 Bethlem [London Road]	.	1	1
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	2	3
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	1	.	1
Total	3	4	7
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	1	.	1
36 Dreadnought Ship (for Seamen, Greenwich West)	5	.	5
Total	6	.	6
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	1	.	1
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	1	.	1
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	1	1
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	2	.	2
35 Hospital Ship, Unité	.	.	.
Total	2	1	3
Workhouses	62	60	122
Military and Naval Asylums	7	.	7
General Hospitals	21	13	34
Hospitals for Special Diseases	6	3	9
Lying-in Hospitals	.	1	1
Lunatic Asylums	3	4	7
Military and Naval Hospitals	6	.	6
Hospitals and Asylums for Foreigners	1	.	1
Prisons	2	1	3
Total in Public Institutions	108	82	190

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 22d November 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
NOVEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY . .	16	Last Quarter.	29·731	42·2	26·7	34·8	27·5	..	18·5	43·8	41·0	7·3	..	..	—9·4	W.	N.	0·0	0·0	0·0	100	0·00
MONDAY. .	17	..	29·711	37·8	28·6	31·7	25·5	..	23·0	42·5	39·5	6·2	11·2	4·7	—12·3	N.	N. & N.W.	4·0	0·0	0·8	130	0·00
TUESDAY .	18	..	29·760	40·1	30·3	34·1	28·4	..	24·0	41·5	39·5	5·7	11·0	0·7	—9·8	N.	N.	3·5	0·0	0·3	75	0·00
WEDNESDAY	19	In Equator.	29·632	37·4	24·3	30·8	22·3	..	17·0	41·0	37·0	8·5	10·4	7·3	—13·1	W.	W.	0·0	0·0	0·0	10	0·00
THURSDAY.	20	Perigee.	29·835	42·8	29·1	35·2	27·9	..	20·0	40·5	37·0	7·3	12·0	4·0	—8·6	W. & N.	N.	2·5	0·0	0·2	85	0·00
FRIDAY . .	21	..	29·758	45·4	29·6	38·8	31·8	..	23·0	40·5	37·0	7·0	11·5	3·1	—5·0	W. & S.W.	N.	5·5	0·0	0·7	170	0·01
SATURDAY.	22	..	29·962	45·8	37·2	40·4	32·5	..	31·0	40·5	37·5	7·9	12·0	6·0	—3·3	N.	N.	5·0	0·0	0·6	115	0·00
MEANS . .		..	29·778	41·6	29·4	35·1	28·0	..	22·4	41·5	38·4	7·1	11·3	4·3	—8·8	N. & W.		..	..	..	Sum 685	Sum 0·01
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.	
SUNDAY . .	Positive, and tension strong at each examination.
MONDAY . .	Positive, and tension moderate during the afternoon.
TUESDAY . .	Positive, and tension weak during the afternoon and evening.
WEDNESDAY	Positive, and tension strong throughout the day.
THURSDAY .	Positive, and tension strong throughout the day.
FRIDAY . .	Nothing was shown throughout the day.
SATURDAY .	Nothing was shown throughout the day.

GENERAL REMARKS.

The sky was generally covered with stratus and haze till afternoon, and it was clear afterwards.

The sky was free from cloud until noon, from this time till 5h. P.M. it was for the most part covered, and clear during the remainder of the day; cumulostratus and cirrostratus. The day was very cold.

The sky was covered with cloud between noon and 2h. P.M., and generally clear at other times; cirrocumuli, cirrostrati, and haze. Light snow fell at 9h. A.M. The day was very cold.

The sky, with slight exceptions, was covered with cloud throughout the day; cirrocumuli and cirrostrati. The day was painfully cold.

The sky was generally clear throughout the day.

The sky was overcast till 2h. P.M., and the amount of cloud during the remainder of the day was variable; cumulostratus and cirrostratus. Misty rain fell during the morning.

Three fourths of the sky were covered till noon, and the amount of cloud was variable during the remainder of the day; cirrocumuli and cirrostrati. Slight showers of rain were frequent.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R.S.'s flint-glass standard bar. Obs. taken at 9 h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 34·5°; and the mean reading at 9h. P.M. was 35·7°; the mean readings at the Royal Observatory for the same times were 33·2° and 34·2° respectively.

The reading of the barometer decreased from 29·88 in. at the beginning of the week to 29·70 in. by 9h. P.M. on the 17th; increased to 29·78 in. by 9h. P.M. on the 18th; decreased to 29·61 in. by 9h. P.M. on the 19th; increased to 29·96 in. by 9h. P.M. on the 20th; decreased to 29·72 in. by 9h. P.M. on the 21st; and increased to 30·04 in. by the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, November 29. [No. 48.

HEALTH OF LONDON DURING THE WEEK.

The rate of mortality in the metropolitan districts, which was shown to have been augmented in the two previous weeks, has received a great additional increase in the week ending last Saturday. In the first week of November 989 deaths were registered, in the second 1022, in the third 1132, and in the last week of the month 1279. During the same period the weekly mortality of persons aged 60 years and upwards has increased in the following numbers: 202, 207, 242, and 277.

If corresponding weeks of the ten years 1841–50 be taken for comparison, it will be seen that the average was only 1044, and that with the exception of 1847, when in consequence of the commencement of epidemic influenza at the end of November in that year the deaths rose to 1677, there is no corresponding week in which the mortality was so high as in last week. The average, as above stated, may be corrected for increase of popnlation, and in this case it becomes 1148, compared with which the 1279 deaths now registered show an excess of 131.

The following table exhibits the increase at three periods of life :—

	Deaths in the week ending 8th November.	Deaths in the week ending last Saturday, 29th November.	Average of corresponding weeks of 10 years, corrected for increase of population.
Under 15 years . . .	461	575	541
At 15 years and under 60 .	317	426	373
At 60 years and upwards .	202	277	233

From the above it appears that the mortality of young persons in last week increased 6 *per cent.*, of persons in middle life 14 *per cent.*, and of those of advanced age 19 *per cent.*, above the average.

As might be supposed from the early severity of the weather, the Table of Fatal Causes shows that diseases which affect the respiratory organs have been mainly instrumental in destroying life. During the last four weeks the deaths from this class of complaints have increased as follows: 148, 168, 256, and 298. Phthisis, which stands in the tubercular class, produced in the same periods 125, 123, 135, and 161 deaths, and hooping-cough 17, 22, 27, and 34. Phthisis or consumption now exceeds the ordinary amount of mortality.

Last week laryngitis carried off 6 persons, pleurisy 4, bronchitis 134, pneumonia 123, asthma 26, diseases of the same class, not defined, 5. The fatal cases enume-

rated under these heads amount in the aggregate to 298, while the corrected average of corresponding weeks is 240.

A woman aged 56 years died of chronic bronchitis at 26 Star-street, Paddington. The medical attendant states that "the deceased was severely affected by the effluvia from the drains of the house."

The class of epidemics numbered last week 252, which is just about the average at this season. Small-pox which appears to increase was fatal to 32 children and 5 persons of 20 years or more. In the sub-district of Charing-cross, at 14 Bullin-court, on 25th November, the son of a gunmaker, aged 2 years, died of "small-pox, natural (12 days), pneumonia (4 days)." Mr. Leonard states that "the disease attacked all the children of the family; the child which has fallen a victim was the only one unprotected by vaccination. Small-pox modified by vaccination is very prevalent among children under 12 years of age in parts of his district, and the result is the strongest proof of the benefits of vaccination." At 1 Lower-Sussex-place, Old-Kent-road, two sons of a japanner, aged 6 years and one year, died of "variola," in one case after 5 days', and in another after 11 days' illness. Mr. Stevens, the Registrar, adds that "in neither of these cases had the children been vaccinated, the parents having an aversion to it; and the disease is still prevalent in the family." At 4 Jordan-place, Islington, the son of a labourer, aged 2 years, died of "small-pox (6 days), not vaccinated." Mr. Butterfield remarks that the disease, though not fatal in all cases has much increased in his district. In the sub-district of St. James, Clerkenwell, at 6 White-Horse-court, on the 18th and 24th November respectively, the twin daughters of a carman, aged 8 months, died of "variola, confluent (11 days), not vaccinated." In the sub-district of Hackney-road at 46 Old-Nichol-street, on 22d November, the son of a packer, aged 4 years, died of "small-pox (12 days), vaccinated with doubtful effect 4 years ago." Mr. Murray describes the street as "crowded, close, and undrained." In the same sub-district at 20 Vincent-street, which is also described as "a low, close, over-crowded street and totally undrained," the son of a hawker, aged one year, died of "natural small-pox (9 days)." A court in Hackney-road sub-district, viz., Smith's-buildings, where the wife of a hawker died of peritonitis, is also stated to be "narrow, close, over-crowded, undrained, and wretched in the extreme."

Scarlatina is now on the decline; it was fatal last week in 38 cases. In the sub-district of Mile-end, Old Town Lower, at Albert-road, Mr. Castleden registered the deaths of three girls in one family from scarlatina maligna, who died respectively on the 22d, 26th, and 27th of November. He adds: "The situation of the house is very open, and the place, I believe, well drained. The father states his belief that the disease was caught at a preparatory school which one of the deceased attended. The whole family of eight children have been attacked, and there are now three not out of danger."

It is satisfactory to observe that typhus, continued fever, &c. have also declined; these which numbered 60 cases and upwards in previous weeks, having decreased to 50. One death occurred from intermittent fever, 2 from remittent fever, 3 from rheumatic fever, 3 from influenza, 2 from purpura, 6 from croup, 28 from diarrhœa, 21 from measles, 4 from thrush, 11 from erysipelas, and 7 from puerperal fever, besides 7 other cases of women dying after childbirth. At 5 Rutland-place, Holloway, the widow of a labourer, aged 53 years, died of "fever (15 days), exhaustion." Mr. Butterfield reports that "Rutland-place is decidedly unhealthy, and many deaths occurred in its neighbourhood during the time of cholera."

No death has been registered from cholera during the last three weeks in the metropolitan districts.

On 22d November, at 15 Denzell-street, St. Clement Danes, a painter, aged 33 years, died of "slow poisoning by lead during some years, which terminated in syncope." Two persons died of intemperance.

Last week the births of 772 boys and 769 girls, in all 1541 children, were registered. The average number during six corresponding weeks of 1845–50 was 1314.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer was above 30 in. on Saturday; the mean of the week was 29·693 in. The mean temperature of the week was 35·8°, which is nearly 8 degrees lower than the average of the same week in ten years. On Wednesday, the coldest in the week, the daily mean was 32·1°, or 11 degrees below the average of corresponding days; and on every other day the mean was from 4 to 10 degrees lower than the average. On Wednesday the lowest temperature of the air was 25·9°; the lowest on the grass 22°; and the lowest of the water of the Thames 36·8°. The wind blew generally from the north-west.

Births Registered last Week, and in the Forty-eighth Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
Total. . . .	1277	1273	1189	1371	1291	1482	1314	1541
Males . . .	663	659	613	700	668	773	679	772
Females . .	614	614	576	671	623	709	635	769

Deaths Registered last Week, and in the Forty-eighth Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
Total. . .		852	882	1087	1075	963	944	1677	1167	931	861	1043·9	1279
Males . .		439	446	572	514	486	480	819	597	489	453	529·5	626
Females .		413	436	515	561	477	464	858	570	442	408	514·4	653
	Ages.												
Deaths at three periods of life . .	0—15	382	408	589	506	488	401	771	556	409	410	492·0	575
	15—60	297	290	284	348	304	334	518	403	325	289	339·2	426
	60 & up.	171	184	214	220	171	203	388	208	196	162	211·7	277

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

Births and Deaths Registered in London in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Sept. 6.	Sept. 13.	Sept. 20.	Sept. 27.	Oct. 4.	Oct. 11.	Oct. 18.	Oct. 25.	Nov. 1.	Nov. 8.	Nov. 15.	Nov. 22.	Nov. 29.
Births	1500	1429	1527	1484	1429	1415	1443	1673	1480	1480	1526	1381	1541
Deaths	967	1026	1097	958	1014	953	981	977	861	989	1022	1132	1279
Deaths (except from Violence) . . .	945	967	1068	907	944	930	959	958	845	960	1001	1107	1250
Deaths (except from Violence) at 60 years and upwards . .	140	191	204	179	199	171	182	171	167	197	205	239	274
Scarlatina	29	27	41	41	48	55	43	67	50	59	43	45	38
Typhus	41	57	67	46	61	60	67	79	60	58	58	62	50
Diarrhœa & Dysentery	200	108	106	94	66	54	43	34	36	34	30	22	31
Cholera	17	17	7	9	4	4	1	1	1	1	..	..	..
Mean Temperature .	60°·5	57°·1	57°·3	54°·8	53°·2	54°·6	52°·8	54°·5	46°·3	40°·0	40°·2	35°·1	35°·8

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 35°·8—Nov. 29.			
	48°·9 Dec. 4 1841	47°·1 Dec. 3 1842	47°·1 Dec. 2 1843	37°·6 Nov. 30 1844	44°·5 Nov. 29 1845	45°·5 Nov. 28 1846	45°·9 Nov. 27 1847	46°·7 Dec. 2 1848	34°·5 Dec. 1 1849	40°·5 Nov. 30 1850	Mean 43°·8 Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	852	882	1087	1075	963	944	1677	1167	931	861	10439	575	426	277	1279†
SPECIFIED CAUSES	843	875	1080	1073	955	940	1676	1167	928	860	10397	574	423	277	1275†
1. Zymotic Diseases	164	151	216	220	204	169	417	372	173	196	2282	183	52	17	252
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	65	45	50	71	39	43	65	50	45	41	514	5	27	22	54
3. Tubercular Diseases	164	155	177	156	170	165	208	175	170	137	1677	80	138	10	228
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	107	132	134	130	107	117	146	126	118	116	1233	53	26	46	125
5. Diseases of the Heart and Blood-vessels	17	20	26	39	35	37	52	38	34	35	333	5	33	25	63
6. Diseases of the Lungs, and of the other Organs of Respiration	152	156	260	198	212	180	473	193	194	160	2178	153	74	71	298
7. Diseases of the Stomach, Liver, and other Organs of Digestion	44	56	51	66	38	63	78	52	50	49	547	18	26	14	58
8. Diseases of the Kidneys, &c.	2	8	4	13	12	17	16	12	8	7	99	1	7	7	15
9. Childbirth, Diseases of the Uterus, &c.	11	7	9	12	13	18	11	5	12	12	110	..	13	1	14
10. Rheumatism, Diseases of the Bones, Joints, &c.	9	6	8	4	8	8	10	10	8	12	83	1	4	3	8
11. Diseases of the Skin, Cellular Tissue, &c.	1	..	1	1	3	2	1	1	..	..	10	2	..	..	2
12. Malformations	1	4	1	..	8	5	8	5	8	3	43	6	1	..	7
13. Premature Birth & Debility	11	9	15	17	17	22	33	13	20	27	184	24	1	..	25
14. Atrophy	6	7	13	9	13	19	33	27	24	14	165	26	..	1	27
15. Age	51	70	72	72	47	47	87	38	45	24	553	..	..	53	53
16. Sudden	16	17	18	26	5	3	13	15	5	3	121	1	4	3	9†
17. Violence, Privation, Cold, and Intemperance	22	32	25	39	24	25	25	35	14	24	265	16	17	4	37
1.—Small-pox	8	16	3	46	8	3	29	21	5	14	153	32	5	..	37
Measles	40	27	52	30	64	8	96	16	26	25	384	21	..	..	21
Scarlatina	8	30	59	56	22	33	49	127	37	32	453	35	2	1	38
Hooping Cough	62	21	27	19	40	33	44	47	23	33	349	34	..	..	34
Croup	9	7	4	9	8	4	7	6	8	7	69	6	..	..	6
Thrush	2	3	6	4	2	2	4	2	4	4	33	4	..	..	4
Diarrhœa	6	6	9	7	15	13	29	24	17	13	139	22	1	5	28
Dysentery	..	4	3	1	..	3	10	3	3	1	28	1	2	..	3
Cholera	..	..	1	..	..	1	..	20	1	..	23	..	..	..	..
Influenza	..	2	1	2	2	9	36	3	..	2	57	3	..	..	3
Purpura and Scurvy	..	1	1	..	..	1	2	1	..	1	7	1	..	1	2
Ague	..	1	..	2	..	2	1	2	..	..	8	1	..	..	1
Remittent Fever	1	..	1	1	1	..	3	4	1	1	13	2	..	..	2
Infantile Fever	*	*	*	*	*	*	*	1	..	1	2	1	..	..	1
Typhus	22	23	41	33	32	42	87	67	35	47	429	15	27	8	50
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	14	8	3	25	..	7	..	7
Rheumatic Fever	*	*	*	*	*	*	*	1	..	4	5	1	2	..	3
Erysipelas	6	10	7	10	6	11	16	11	5	4	86	4	5	2	11
Syphilis	..	..	..	..	4	4	4	2	..	3	17	..	1	..	1
Noma (or Canker)	*	*	*	*	..	..	..	..	..	1	1	..	..	..	..
Hydrophobia	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
2.—Hæmorrhage	2	3	4	3	2	1	4	2	4	3	28	..	1	3	4
Dropsy	41	26	30	38	15	14	23	19	20	12	238	3	12	10	25
Abscess	3	1	..	..	1	..	4	3	2	2	16	..	..	..	..
Ulcer	1	..	1	..	2	1	4	1	3	..	13	1	..	..	1
Fistula	..	1	..	..	..	2	1	..	..	..	4	..	1	..	1
Mortification	7	5	5	7	2	2	8	2	1	4	43	1	1	1	3
Cancer	10	8	8	23	16	22	20	21	15	14	157	..	12	8	20
Gout	1	1	2	..	1	1	1	2	..	6	15	..	..	..	..
3.—Scrofula	..	1	..	3	7	4	9	10	3	9	46	7	2	..	9
Tabes Mesenterica	2	5	7	15	15	7	18	12	9	13	103	22	2	..	24
Phthisis (or Consumption)	133	120	132	120	114	127	153	123	134	96	1252	18	134	9	161
Hydrocephalus	29	29	38	18	34	27	28	30	24	19	276	33	..	1	34

* See Note, page 382.

† The age of one person *found dead* is not stated.

in the FORTY-EIGHTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 35°·8—Nov. 29.			
	48°·9 Dec. 4 1841	47°·1 Dec. 3 1842	47°·1 Dec. 2 1843	37°·6 Nov. 30 1844	44°·5 Nov. 29 1845	45°·5 Nov. 28 1846	45°·9 Nov. 27 1847	46°·7 Dec. 2 1848	34°·5 Dec. 1 1849	40°·5 Nov. 30 1850	Mean 43°·8 Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	8	11	17	10	18	19	11	13	14	12	133	8	2	1	11
Apoplexy	16	24	15	26	23	19	28	24	30	21	226	6	8	19	33
Paralysis	18	18	23	18	15	16	23	26	21	22	200	..	8	20	28
Delirium Tremens	1	2	2	5	2	4	4	4	1	5	30	..	1	..	1
Chorea	..	..	..	1	..	1	..	..	..	..	2	..	..	..	..
Epilepsy	8	5	4	4	6	8	15	4	4	4	62	..	3	3	6
Tetanus	..	..	1	..	..	1	..	..	..	..	2	..	..	..	..
Insanity	1	..	..	..	1	1	2	2	2	3	12	..	1	1	2
Convulsions	45	62	63	52	31	38	51	40	38	35	455	34	..	..	34
Disease of Brain, &c.	10	10	9	14	11	10	12	13	8	14	111	5	3	2	10
5.—Pericarditis	..	1	..	3	2	3	3	3	2	4	21	..	1	1	2
Aneurism	..	..	..	1	2	1	2	2	4	..	12	..	..	..	..
Disease of Heart, &c.	17	19	26	35	31	33	47	33	28	31	300	5	32	24	61
6.—Laryngitis	..	..	1	2	3	1	6	3	6	4	26	5	1	..	6
Bronchitis	14	15	38	34	55	56	196	80	60	64	612	52	35	47	134
Pleurisy	4	..	6	..	3	4	4	6	4	2	33	..	4	..	4
Pneumonia	86	101	171	120	106	83	170	85	94	67	1083	95	20	8	123
Asthma	37	24	25	22	23	23	77	14	21	20	286	..	10	16	26
Disease of Lungs, &c.	11	16	19	20	22	13	20	5	9	3	138	1	4	..	5
7.—Teething	11	9	14	18	5	4	7	7	8	11	94	5	..	..	5
Quinsey	2	2	3	1	1	..	3	1	3	1	17	4	..	..	4
Gastritis }	14	14	12	..	2	2	2	2	..	2	106	..	1	..	1
Enteritis }				13	5	3	13	7	8	7		3	..	2	5
Peritonitis	..	..	1	1	1	4	6	3	4	2	22	2	6	1	9
Ascites	1	..	2	2	1	1	4	1	2	2	16	..	4	..	4
Ulceration (of Intestines)	2	1	4	4	..	5	1	2	2	1	22	..	1	..	1
Hernia	2	3	1	4	..	4	8	2	3	2	29	..	4	2	6
Ileus	1	5	4	3	2	5	5	2	..	2	29	1	..	2	3
Intussusception	..	1	1	1	..	..	1	..	1	1	6	1	..	..	1
Stricture of Intestinal Canal	..	..	..	..	1	1	1	..	1	..	4	..	..	..	..
Disease of Stomach, &c.	3	11	2	5	7	12	10	6	4	2	62	1	3	..	4
Disease of Pancreas	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
Hepatitis	1	1	1	1	4	2	3	4	1	1	19	..	2	..	2
Jaundice	2	1	2	2	1	1	2	1	3	2	17	1	1	..	2
Disease of Liver	5	7	4	10	8	18	12	14	10	12	100	..	4	7	11
Disease of Spleen	..	1	..	1	..	..	..	..	..	1	3	..	..	..	..
8.—Nephritis	..	1	1	1	..	..	..	..	..	..	3	..	1	..	1
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	1	2	1	4	..	2	..	2
Ischuria	..	..	..	..	..	..	..	..	..	..	..	1	..	1	2
Diabetes	..	..	..	1	1	..	..	..	..	1	3	..	2	..	2
Stone	..	..	..	1	2	1	2	..	1	1	8	..	..	..	..
Cystitis	1	2	..	..	..	..	3	1	2	1	10	..	..	..	..
Stricture of Urethra	..	..	..	1	2	2	2	..	..	..	7	..	1	2	3
Disease of Kidneys, &c.	1	5	3	9	7	14	9	10	3	3	64	..	1	4	5
9.—Paramenia	..	..	..	..	..	..	..	..	2	..	2	..	1	..	1
Ovarian Dropsy	..	..	..	..	1	1	1	1	..	2	6	..	3	..	3
Childbirth (*see* Metria)	8	5	6	10	8	11	8	2	4	7	69	..	7	..	7
Disease of Uterus, &c.	3	2	3	2	4	6	2	2	6	3	33	..	2	1	3
10.—Arthritis	..	..	1	..	1	..	..	2	..	..	4	..	1	..	1
Rheumatism	5	3	4	2	5	5	7	6	5	9	51	1	2	2	5
Disease of Joints, &c.	4	3	3	2	2	3	3	2	3	3	28	..	1	1	2
11.—Carbuncle	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Phlegmon	1	..	..	..	1	1	..	..	..	..	3	1	..	..	1
Disease of Skin, &c.	..	..	1	1	2	1	1	1	..	..	7	1	..	..	1
17.—Intemperance	..	..	1	1	3	1	2	1	1	1	11	..	1	1	2
Privation of Food	1	1	1	..	1	1	..	..	..	..	5	..	..	..	..
Want of Breast-milk	*	*	*	*	*	*	*	4	..	2	6	6	..	..	6
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	3	1	2	6	..	3	..	3
Burns and Scalds	*	*	*	*	*	*	*	7	2	..	9	1	2	3	6
Hanging and Suffocation	*	*	*	*	*	*	*	1	2	5	8	..	..	..	..
Drowning	*	*	*	*	*	*	*	5	2	4	11	1	4	..	5
Fractures	*	*	*	*	*	*	*	11	3	7	21	5	4	..	9
Wounds	*	*	*	*	*	*	*	3	..	3	6	1	3	..	4
Other Violence	*	*	*	*	*	*	*	..	3	..	3	2	..	..	2
All Violence	21	31	23	38	20	23	23	30	13	21	243	10	16	3	29
Causes not specified	9	7	7	2	8	4	1	..	3	1	42	1	3	..	4

* See Note, page 382.

Deaths Registered in the Forty-eighth Week of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION† in		Mean Temperature for the Week ending Saturday,											
			48°·9 Dec. 4	47°·1 Dec. 3	47°·1 Dec. 2	37°·6 Nov. 30	44°·5 Nov. 29	45°·5 Nov. 28	45°·9 Nov. 27	46°·7 Dec. 2	34°·5 Dec. 1	40°·5 Nov. 30	Mean 43°·8 Sum of 10 Weeks.	35°·8 Nov. 29
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948369	2362178	852	882	1087	1075	963	944	1677	1167	931	861	10439	1279
1–6. West Districts .	301189	376427	119	129	154	147	136	129	179	163	147	137	1440	162
7–11. North Districts .	376568	490396	165	193	198	174	174	171	267	215	162	179	1898	225
12–19. Central Districts	374199	393198	168	160	211	201	178	167	319	188	151	138	1881	250
20–25. East Districts .	393067	485522	182	193	257	258	226	202	504	265	218	189	2494	293
26–36. South Districts .	503346	616635	218	207	267	295	249	275	408	336	253	218	2726	349
1. Kensington . . . HL	74898	120004	26	28	35	34	38	25	43	39	38	33	339	48
2. Chelsea . . . . *W*H	40243	56538	20	22	24	24	15	17	31	26	26	27	232	38
3. St. George Hanover-sq. H	66657	73230	27	32	28	25	29	22	32	33	27	22	277	29
4. Westminster. . HHPP	56802	65609	26	26	31	42	23	38	43	29	24	37	319	24
5. St. Martin-in-the-Flds. H	25132	24640	10	9	17	10	9	15	11	16	12	7	116	10
6. St. James Westminster .	37457	36406	10	12	19	12	22	12	19	20	20	11	157	13
7. Marylebone . . . H	138383	157696	69	81	90	52	56	68	103	65	57	70	711	81
8. Hampstead . . . . }	140078	11986	*	*	*	*	*	*	6	5	3	4	18	3
9. Pancras . . . *W*HH }		166956	61	55	69	78	69	61	88	79	64	57	681	79
10. Islington . . . HHP	55779	95329	17	32	22	25	32	27	40	44	27	34	300	41
11. Hackney . . . . H	42328	58429	18	25	17	19	17	15	30	22	11	14	188	21
12. St. Giles	54378	54214	28	27	39	20	17	23	49	28	26	20	277	34
13. Strand (wkh. in 9) . H	43667	44460	17	13	28	17	20	12	35	17	23	11	193	27
14. Holborn	44532	46571	26	27	25	15	26	21	28	21	18	11	218	26
15. Clerkenwell . . PP	56799	64720	20	21	24	39	25	35	42	28	18	24	276	47
16. St. Luke (wkh. in 20) L	49908	54055	19	20	21	36	21	21	35	29	15	24	241	32
17. East London . . . P	39718	44406	16	15	19	18	23	16	51	16	15	12	201	21
18. West London *W*HPPP	29188	28840	18	23	30	35	31	18	39	26	21	16	257	35
19. City of Lon. (wkh. in 25)	56009	55932	24	14	25	21	15	21	40	23	15	20	218	28
20. Shoreditch . . *W*L	83564	109257	35	34	50	56	60	43	85	68	52	47	530	61
21. Bethnal Green . . L	74206	90193	27	39	54	41	33	34	103	39	41	33	444	51
22. Whitechapel . . . H	71879	79759	38	52	52	62	38	45	113	52	39	27	518	64
23. St. George-in-the-East .	41416	48376	26	12	26	26	19	17	84	29	18	19	276	22
24. Stepney . . . . H	90831	110775	48	42	50	56	55	41	98	59	45	45	539	67
25. Poplar. . . . *W*L	31171	47162	8	14	25	17	21	22	21	18	23	18	187	28
26. St. Saviour . . HH	33027	35731	24	22	26	20	15	22	28	23	14	17	211	29
27. St. Olave . . . HH	19869	19375	19	22	19	28	14	28	37	28	23	18	236	22
28. Bermondsey	35002	48128	22	15	22	19	15	20	35	22	20	13	203	23
29. St. Geo. Southwk. LPP	46718	51824	25	20	23	32	33	27	55	21	30	24	290	43
30. Newington . . . P	54693	64816	20	29	35	33	41	28	40	29	28	21	304	35
31. Lambeth	116072	139325	55	55	74	64	44	43	83	76	56	43	593	78
32. Wandsworth . . . L	39918	50764	*	*	*	22	16	15	16	12	18	21	120	24
33. Camberwell . . . LL	39931	54667	15	10	12	17	22	34	30	27	14	26	207	28
34. Rotherhithe	13940	17805	12	5	9	12	10	6	19	12	5	5	95	12
35. Greenwich . HHHP	81125	99365	26	29	47	48	39	52	59	75	35	26	436	44
36. Lewisham. . . . *W*	23051	34835	*	*	*	*	*	*	6	11	10	4	31	11

† Seamen and others on board vessels in the docks and river are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

Note.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 10439; which divided by 10 gives 1044 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 1044 divided by 10 is about 104, which added to 1044, makes the corrected average 1148. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 153 in 10 weeks; the average was 15; the corrected average 17. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831–41; 1·998 *per cent.* annually in the ten years, 1841–51; and 1·778 *per cent.* annually in the fifty years, 1801–51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5\cdot5} = 1{\cdot}1018 = 1 + \frac{1}{9\cdot82}$

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9\cdot82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	3	1	4
2 Chelsea [North West]	.	1	1
2 *St. George Hanover Square [Chelsea N.W.]*	.	1	1
3 St. George Hanover Square [May Fair]	.	3	3
4 Westminster [St. Margaret]	1	.	1
5 St. Martin-in-the-Fields [Charing Cross]	1	.	1
6 St. James Westminster [Golden Square]	1	3	4
7 Marylebone [Rectory]	9	6	15
9 *Strand [Tottenham Court]*	.	.	.
9 Pancras [Camden Town]	4	2	6
10 Islington [West]	.	.	.
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	5	1	6
14 Holborn [St. Andrew East]	3	3	6
15 Clerkenwell [St. James]	1	.	1
17 East London [St. Botolph]	.	3	3
18 *East London [West London North]*	.	.	.
18 West London [North]	2	.	2
20 Shoreditch [Haggerstone West]	.	6	6
20 *St. Luke [Hoxton New Town]*	1	4	5
21 Bethnal Green [The Green]	.	2	2
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	4	6	10
23 St. George-in-the-East [St. John]	.	.	.
24 Stepney [Shadwell]	.	2	2
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	.	.	.
24 City of London [ditto]	.	2	2
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	2	2	4
25 Poplar [Poplar]	.	1	1
26 St. Saviour [Christchurch]	1	2	3
27 St. Olave [St. John Horselydown]	1	2	3
28 Bermondsey [St. Mary Magdalen]	2	1	3
29 St. George Southwark [Borough Road]	1	4	5
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2d]	5	4	9
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	1	.	1
32 Wandsworth [Battersea]	.	.	.
33 Camberwell [Camberwell]	.	.	.
34 Rotherhithe	.	.	.
35 Greenwich [East]	.	1	1
36 Lewisham [Village]	.	1	1
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	48	64	112

HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	2	.	2
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	4	.	4
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	6	.	6
General Hospitals:—			
3 St. George [Belgrave]	4	1	5
4 Westminster [St. Margaret]	.	1	1
5 Charing Cross [Charing Cross]	1	.	1
7 Middlesex [All Souls]	.	3	3
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's Inn Lane]	.	.	.
13 King's College [St. Clement Danes]	2	.	2
18 St. Bartholomew [West London North]	12	8	20
22 London [Whitechapel Church]	2	.	2
27 Guy's [St. Olave and St. Saviour]	5	2	7
27 St. Thomas [St. Olave & St. Saviour]	3	1	4
Total	29	16	45
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	.	.	.
10 Fever [Islington West]	1	1	2
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	.	.
Total	1	1	2

HOSPITALS—*continued.*	M.	F.	T.
Lying-in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northum. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	1	1
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	1	1	2
25 Lunatic Asylum [Bow]	.	1	1
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	3	1	4
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	.	.
Total	4	4	8
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	2	.	2
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	2	.	2
Total	4	.	4
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.

PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.

Workhouses	48	64	112
Military and Naval Asylums	6	.	6
General Hospitals	29	16	45
Hospitals for Special Diseases	1	1	2
Lying-in Hospitals	.	.	.
Lunatic Asylums	4	4	8
Military and Naval Hospitals	4	.	4
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	.	.
Total in Public Institutions	92	85	177

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 29th November 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
November.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday .	23	New	29·825	42·4	31·7	37·0	31·2	..	26·0	40·5	37·0	5·8	7·9	3·0	—6·6	N. & N.W.	W. & S.W.	0·0	0·0	0·0	115	0·00
Monday .	24	..	29·362	45·5	34·7	39·9	34·4	..	32·0	40·0	36·8	5·5	9·6	3·4	—3·6	S. & S.W.	N.	5·0	0·0	0·6	75	0·19
Tuesday .	25	..	29·392	42·9	30·7	35·1	30·7	..	26·0	39·8	36·8	4·4	7·9	3·7	—8·3	Calm	N.W.	0·0	0·0	0·0	15	0·00
Wednesday	26	Greatest Dec. S.	29·567	37·2	25·9	32·1	28·8	..	22·0	39·5	36·8	3·3	5·0	2·0	—11·1	Calm & N.E.	N. & N.W.	0·0	0·0	0·0	30	0·00
Thursday .	27	..	29·721	39·7	33·9	36·3	30·8	..	28·0	39·2	36·8	5·5	7·0	4·2	—9·7	W.N.W. & N.N.W.	N. & N.W.	0·0	0·0	0·0	20	0·01
Friday . .	28	..	29·925	41·5	32·1	36·0	31·6	..	22·0	38·5	36·6	4·4	7·4	2·8	—6·8	Calm	N.W.	0·0	0·0	0·0	5	0·00
Saturday .	29	..	30·062	39·6	28·9	33·9	28·4	..	23·0	38·0	36·6	5·5	8·8	2·6	—8·7	Calm	Calm	0·0	0·0	0·0	10	0·00
Means . .		..	29·693	41·3	31·1	35·8	30·8	..	25·6	39·4	36·8	4·9	7·7	3·1	—7·8	N.W.		..	..	..	Sum 270	Sum 0·20
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

Sunday . .	Nothing shown at any examination.
Monday. .	Nothing shown at any examination.
Tuesday .	Positive electricity, with strong tension exhibited at each examination.
Wednesday	Positive electricity, with strong tension shown during the morning and afternoon, nothing exhibited during the evening.
Thursday .	Nothing shown, excepting at 9h. P.M., when positive electricity, with moderate tension, was exhibited.
Friday . .	Nothing shown during the morning, positive and moderate tension during the afternoon and evening.
Saturday .	Nothing shown during the morning, positive, with strong tension, during the afternoon and evening.

GENERAL REMARKS.

The sky was for the most part overcast throughout the day; cirrostratus.

The sky was overcast at 9h. A.M. and noon; one third covered at 3h. P.M., and two thirds at 9h. P.M.; clouds, cirri, cirrostrati, and scud. Heavy rain fell occasionally during the morning.

The sky was cloudless throughout the day.

The sky was overcast throughout the day; cirrostratus and fog prevailed.

The sky was overcast throughout the day; cirrostratus and fog prevalent. Rain fell about 10h. 30m. A.M.

The sky was for the most part overcast throughout the day; cirrocumuli and cirrostrati.

The sky was cloudless at 9h. A.M. and noon, one third covered at 3h. P.M., and overcast at 9h. P.M.; cirrostratus.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R.S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, —*lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 36·5°; and the mean reading at 9h. P.M. was 36·3°; the mean readings at the Royal Observatory for the same times were 34·2° and 34·8° respectively.

The reading of the barometer decreased from 30·04 in. at the beginning of the week to 29·35 in. by 3h. P.M. on the 24th; it continued, with very slight variations, at about this reading till after 9h. P.M. on the 25th, when it turned to increase; and was 30·07 in. at the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, December 6. [No. 49.

HEALTH OF LONDON DURING THE WEEK.

The state of the public health, as indicated by a constant increase of mortality, is far from being favourable at the present time. During four weeks of November the deaths registered in the London districts increased in the following progression: 989, 1022, 1132, 1279; and in the week ending last Saturday they rose to 1316. During the same five weeks the deaths among old persons of 60 years and upwards have numbered successively 202, 207, 242, 277, and 305.

It will be seen from a review of ten previous years (1841–50) that in the week of 1847 corresponding to last week influenza raised the deaths to 2454; but with the exception of that year they did not in any corresponding week exceed 1146, and were generally much less. The average of the ten weeks was 1123, and if corrected for increase of population, 1235, compared with which the deaths of last week exhibit an excess of 81. It is hardly necessary to remark that if the unusual mortality of 1847 were excluded from the comparison, the result would be still more unfavourable for last week.

The following table shows the numbers and the increase above the average at three different periods of life:—

AGE.	Deaths in the week ending 29th November.	Deaths in the week ending Saturday, 6th December.	Average of the weeks corresponding to last in 9 years, (1841–46, 1848–50,) corrected for increase of population.
Under 15 years . . .	575	583	510
At 15 years and under 60 .	426	427	337
At 60 years and upwards .	277	305	226

Hence it appears that last week the mortality of young persons was 14 *per cent.*, of persons in middle life 26 *per cent.*, and of those of advanced age 35 *per cent.*, above the average. The increase in the present return above that of the previous week has been derived almost exclusively from the aged part of the population.

From an examination of the Table of Fatal Causes, it will be perceived that affections of the respiratory organs greatly preponderate on the list. The increase of cases enumerated in this class is shown in the numbers of the last five weeks; viz.,

148, 168, 256, 298, and 333. These 333 deaths of last week are distributed under particular heads in the following manner; laryngitis 2, bronchitis 156, pleurisy 4, pneumonia 133, asthma 30, others of the same class not designated 8. In the corresponding weeks of the previous three years neither bronchitis nor pneumonia exceeded 88, and the whole class scarcely numbered more than 200, or were about 130 less than in last week.

Phthisis or consumption also exhibits an increase, the numbers during the four weeks of November having been 125, 123, 135, and 161, and last week the fatal cases of this disease rose to 180. In the ten weeks corresponding to last, of 1841–50, the deaths by phthisis ranged from 96 to 136, and when influenza was epidemic, to 198.

Last week the mortality attributed to diseases of the zymotic or epidemic class was nearly of the same amount as in the previous return, namely, 249 deaths. Small-pox carried off 24 children and 3 adults, measles 17 children, scarlatina 43, hooping-cough 31, croup 6, thrush 2, diarrhœa 26 persons, dysentery 2, cholera one, influenza 7, purpura 3, ague one, remittent and infantile fever 4, typhus 61, rheumatic fever 3, puerperal fever 5 (besides 5 other cases of women dying after childbirth), erysipelas 7, and syphilis one child and 2 adults. It appears that fever has increased to a small extent on the preceding week.

The following is the case of cholera mentioned above: In Mile-end, New Town, at 8 John's-place, on 2d December, the son of a journeyman shoemaker, aged 9 years, cholera (48 hours).

In South Chelsea, at 16 Wink's-buildings, on 3d December, the son of a labourer, aged 10 years, died of "typhus (17 days)." On the medical certificate it is observed that "the buildings in which this lad died are most pestiferous, the houses most unwholesome. It has always been the haunt of fever, and from this point as a centre it has often spread with great virulence. The disease has just appeared amongst other inhabitants of the place."

In the West sub-district of Islington 39 deaths were registered in the week; of these 2 occurred in the Small-pox Hospital on the 24th November and 6th December; 5 in the London Fever Hospital on the 26th and 30th November and 2d and 4th December; and 2 in the Workhouse on 30th November and 1st December. Mr Watts, the Registrar, adds that "the number is greater than usual, and 10 were from continued fever, typhoid fever, and scarlatina. There have been many admissions to the Fever Hospital. As regards both this and the Small-pox Hospital, application for admission, unless by a parish order or through a Governor, should first be made to the resident surgeon."

In the sub-district of St. Paul, Deptford, 5 deaths from small-pox were registered in the week, and in all the cases it is stated that vaccination had not been performed. Two occurred at 4 Black-horse-fields in the family of a labourer, whose sons, aged 9 months and 10 years, died of the disease after 9 days' illness. At 7 Eagle street, Red-lion-square, on 27th November, the son of a lath-render, aged 3 years, died of "small-pox (3 weeks), not vaccinated." Mr. Goodhugh, the Registrar, adds that "the reason assigned by the mother of the child for not having it vaccinated is that in the opinion of the medical attendant it was in too weak a state of health. This is the third case of small-pox that has occurred in this house within the last six weeks. Several children have since been successfully vaccinated; and although 18 children were living in this house at the same time, no other case of small-pox has occurred. The disease was brought into the house by a servant girl, who had been vaccinated, and in whom it appeared under favourable conditions."

The death of a girl, aged 9 years, in Thomas-street, Lambeth, is ascribed to "fright; cerebral disorder (14 days)." Mr. Daws states that "the fright was caused on the 5th November by a cracker tied to the street-door, which deceased went to open. She died on 25th November. The circumstances did not appear to the coroner to require an inquest." A woman, aged 57 years, died from "long-

continued habits of intemperance." A man, who had been a servant, died on 5th December in the Marylebone Workhouse of "destitution." He had come from Carlisle-place. A coroner's inquest was expected to be held. Three children died in various districts from suffocation in bed.

Last week the births of 788 boys and 740 girls, in all 1528 children, were registered. The average of six corresponding weeks in 1845–50 was 1374.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer was above 30 in. on every day of the week; on Monday, when it was highest, it was 30·155 in., on Wednesday 30·150 in., and the average of the week was 30·134 in. The mean temperature was from 4 to 9 degrees below the average of corresponding days in 10 years during the week except on Friday and Saturday, when it rose 3 and 5 degrees above it. The mean temperature of the week was 38·8°, or about 3 degrees below the average. The wind was in the North-west in the earlier part of the week, and changed to South-west on the last two days.

Births Registered last Week, and in the Forty-ninth Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
Total . . .	1292	1350	1323	1380	1338	1558	1374	1528
Males . . .	648	687	696	715	710	789	708	788
Females . .	644	663	627	665	628	769	666	740

Deaths Registered last Week, and in the Forty-ninth Week of Ten previous Years.

		1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
Total . .		770	815	987	988	962	1050	2454	1146	1053	1004	1122·9	1316
Males . .		366	409	512	518	478	505	1141	572	539	494	553·4	624
Females .		404	406	475	470	484	545	1313	574	514	510	569·5	692
	Ages.												
Deaths at three periods of life . .	0—15	369	377	500	489	482	443	1012	610	431	472	518·5	583
	15—60	253	268	277	299	278	366	712	338	358	313	346·2	427
	60 & up.	147	168	206	200	202	240	730	198	264	218	257·3	305

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

Births and Deaths Registered in London in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Sept. 13.	Sept. 20.	Sept. 27.	Oct. 4.	Oct. 11.	Oct. 18.	Oct. 25.	Nov. 1.	Nov. 8.	Nov. 15.	Nov. 22.	Nov. 29.	Dec. 6.
Births	1429	1527	1484	1429	1415	1443	1673	1480	1480	1526	1381	1541	1528
Deaths	1026	1097	958	1014	953	981	977	861	989	1022	1132	1279	1316
Deaths (except from Violence) . . .	967	1068	907	944	930	959	958	845	960	1001	1107	1250	1287
Deaths (except from Violence) at 60 years and upwards . .	191	204	179	199	171	182	171	167	197	205	239	274	300
Scarlatina	27	41	41	48	55	43	67	50	59	43	45	38	44
Typhus	57	67	46	61	60	67	79	60	58	58	62	50	61
Diarrhœa & Dysentery	108	106	94	66	54	43	34	36	34	30	22	31	28
Cholera	17	7	9	4	4	1	1	1	1	..	..	..	1
Mean Temperature .	57°·1	57°·3	54°·8	53°·2	54°·6	52°·8	54°·5	46°·3	40°·0	40°·2	35°·1	35°·8	38°·8

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 38°·8—Dec. 6.			
	45°·0	39°·8	45°·5	32°·2	42°·3	32°·1	47°·4	49°·0	42°·2	42°·6	Mean 41°·8				
	Dec. 11	Dec. 10	Dec. 9	Dec. 7	Dec. 6	Dec. 5	Dec. 4	Dec. 9	Dec. 8	Dec. 7	Sum of 10 Weeks.	0	15	60	All Ages.*
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
ALL CAUSES	770	815	987	988	962	1050	2454	1146	1053	1004	11229	583	427	305	1316†
SPECIFIED CAUSES	760	809	975	988	950	1043	2446	1146	1049	998	11164	581	425	304	1311†
1. Zymotic Diseases	151	131	183	191	190	164	643	370	203	229	2455	181	51	17	249
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	47	44	60	50	41	43	62	43	61	39	490	4	23	21	48
3. Tubercular Diseases	139	166	166	153	154	175	267	172	170	146	1708	63	150	12	225
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	97	105	117	126	118	143	185	113	126	110	1240	71	38	40	149
5. Diseases of the Heart and Blood-vessels	19	15	30	42	33	54	77	42	50	44	406	1	26	22	49
6. Diseases of the Lungs, and of the other Organs of Respiration	118	147	239	215	216	230	789	188	203	208	2553	167	74	92	333
7. Diseases of the Stomach, Liver, and other Organs of Digestion	53	54	54	49	54	74	95	60	61	65	619	19	33	10	62
8. Diseases of the Kidneys, &c.	8	5	6	16	4	15	14	13	11	10	102	..	3	3	6
9. Childbirth, Diseases of the Uterus, &c.	8	9	9	7	11	10	19	6	12	5	96	..	7	3	10
10. Rheumatism, Diseases of the Bones, Joints, &c.	8	9	2	6	9	12	17	6	9	8	86	1	3	2	6
11. Diseases of the Skin, Cellular Tissue, &c.	..	..	3	..	1	2	4	..	2	2	14	1	..	..	1
12. Malformations	2	..	..	..	6	4	2	3	..	3	20	3	..	..	3
13. Premature Birth & Debility	17	19	9	25	24	18	32	29	25	35	233	22	3	..	25
14. Atrophy	6	4	4	5	12	11	35	23	18	19	137	25	2	..	27
15. Age	56	65	68	68	43	55	165	43	54	47	664	..	..	76	76
16. Sudden	13	17	12	11	7	3	12	5	8	6	94	2	..	1	4†
17. Violence, Privation, Cold, and Intemperance	18	19	13	24	27	30	28	30	36	22	247	21	12	5	38
1.—Small-pox	5	13	12	31	11	2	27	27	5	27	160	24	3	..	27
Measles	37	21	26	39	79	6	89	27	29	23	376	17	..	..	17
Scarlatina	16	35	47	44	18	25	63	117	32	35	432	43	1	..	44
Hooping Cough	33	21	36	26	34	34	65	49	18	50	366	30	..	..	30
Croup	10	9	13	5	3	7	11	5	8	7	78	6	..	..	6
Thrush	5	4	4	3	1	3	3	5	2	1	31	2	..	..	2
Diarrhœa	11	7	3	4	8	15	28	20	17	21	134	19	2	5	26
Dysentery	..	..	3	1	2	2	5	5	2	4	24	..	1	1	2
Cholera	1	..	..	..	..	1	..	21	..	..	23	1	..	..	1
Influenza	1	..	5	1	3	8	198	3	9	3	231	1	3	3	7
Purpura and Scurvy	..	1	1	..	1	..	3	2	2	..	10	2	1	..	3
Ague	1	..	..	1	1	..	1	1	1	..	6	1	..	..	1
Remittent Fever	..	..	..	1	2	1	3	4	1	..	12	2	..	..	2
Infantile Fever	*	*	*	*	*	*	*	1	1	3	5	2	..	..	2
Typhus	23	15	29	21	20	48	132	65	51	43	447	25	30	6	61
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	8	7	2	17	..	5	..	5
Rheumatic Fever	*	*	*	*	*	*	*	..	2	2	4	2	1	..	3
Erysipelas	6	5	4	13	5	7	11	9	14	7	81	3	2	2	7
Syphilis	2	..	..	1	2	5	2	1	2	..	15	1	2	..	3
Noma (or Canker)	*	*	*	*	..	..	2	..	..	1	3	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	2	3	5	4	4	5	5	1	5	4	38	2	..	..	2
Dropsy	30	31	35	23	14	11	32	16	25	16	233	1	7	11	19
Abscess	5	1	1	4	2	1	..	4	2	2	22	..	2	..	2
Ulcer	..	..	..	..	..	1	2	1	1	2	7	..	..	..	..
Fistula	1	..	1	..	..	..	..	..	..	..	2	..	..	..	..
Mortification	2	3	6	1	2	3	6	1	2	3	29	1	..	3	4
Cancer	6	5	9	17	16	21	15	20	24	11	144	..	13	7	20
Gout	1	1	3	1	3	1	2	..	2	1	15	..	1	..	1
3.—Scrofula	..	3	4	..	5	6	5	6	4	4	37	1	1	..	2
Tabes Mesenterica	8	2	12	8	8	14	18	15	9	11	105	11	1	1	13
Phthisis (or Consumption)	96	136	126	112	106	129	198	122	133	113	1271	22	147	11	180
Hydrocephalus	35	25	24	33	35	26	46	29	24	18	295	29	1	..	30

* See Note, page 390.

† The age of a person *found dead* is not stated.

in the FORTY-NINTH Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 ° 38·8—Dec. 6.			
	°45·0	°39·8	°45·5	°32·2	°42·3	°32·1	°47·4	°49·0	°42·2	°42·6	Mean 41°·8				
	Dec. 11	Dec. 10	Dec. 9	Dec. 7	Dec. 6	Dec. 5	Dec. 4	Dec. 9	Dec. 8	Dec. 7	Sum of 10 Weeks.	0	15	60	All Ages.
	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850					
4.—Cephalitis	10	9	10	8	9	12	16	14	9	8	105	11	2	..	13
Apoplexy	13	13	18	27	26	24	30	20	22	22	215	2	12	11	25
Paralysis	18	18	19	13	19	28	40	12	25	30	222	..	11	19	30
Delirium Tremens	3	..	1	3	3	1	4	1	..	1	17	..	1	..	1
Chorea	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Epilepsy	2	4	5	4	6	3	7	6	11	4	52	2	5	3	10
Tetanus	1	..	..	..	..	..	..	..	1	..	2	..	..	..	..
Insanity	1	3	..	1	2	..	3	5	2	2	19	..	1	1	2
Convulsions	41	45	57	62	48	55	70	42	40	32	492	51	..	..	51
Disease of Brain, &c.	8	13	7	8	5	20	14	13	16	11	115	5	6	6	17
5.—Pericarditis	1	..	3	3	2	1	2	1	2	3	18	1	3	1	5
Aneurism	..	2	1	1	1	1	2	2	2	..	12	..	2	1	3
Disease of Heart, &c.	18	13	26	38	30	52	73	39	46	41	376	..	21	20	41
6.—Laryngitis	..	1	1	3	2	5	5	4	2	2	25	2	..	..	2
Bronchitis	8	16	33	30	52	77	343	72	86	88	805	47	43	66	156
Pleurisy	2	2	3	1	3	5	14	6	1	1	38	2	1	1	4
Pneumonia	69	93	152	127	122	99	306	84	88	86	1226	114	15	4	133
Asthma	26	18	33	31	21	34	86	7	16	23	295	..	11	19	30
Disease of Lungs, &c.	13	17	17	23	16	10	35	15	10	8	164	2	4	2	8
7.—Teething	15	13	11	10	10	10	23	13	8	9	122	9	..	..	9
Quinsey	1	4	1	3	1	..	2	1	3	2	18	2	..	..	2
Gastritis }	14	13	13	1	..	1	1	2	1	..	98	1	..	1	2
Enteritis }				7	4	13	9	6	5	8		2	6	..	8
Peritonitis	2	3	3	2	3	6	5	6	4	3	37	1	2	..	3
Ascites	..	..	..	1	4	4	3	3	3	2	20	1	2	..	3
Ulceration (of Intestines)	1	..	3	..	2	1	2	3	5	1	18	..	3	..	3
Hernia	3	4	1	3	2	4	5	4	1	3	30	1	..	1	2
Ileus	2	3	1	..	1	2	3	1	3	4	20	..	..	..	..
Intussusception	..	..	1	..	1	1	..	2	1	..	6	1	..	..	1
Stricture of Intestinal Canal	..	..	1	..	..	2	1	..	..	1	5	..	1	..	1
Disease of Stomach, &c.	2	3	3	9	9	8	12	8	8	7	69	..	4	5	9
Disease of Pancreas	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
Hepatitis	..	1	3	1	5	2	6	3	4	6	31	..	2	..	2
Jaundice	3	2	5	2	6	2	2	1	1	3	27	1	3	1	5
Disease of Liver	10	8	8	9	6	17	21	7	13	16	115	..	10	2	12
Disease of Spleen	..	..	..	..	..	1	..	..	1	..	2	..	..	..	..
8.—Nephritis	1	1	..	..	..	..	..	..	1	..	3	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	5	1	2	8	..	1	..	1
Ischuria	1	..	..	..	..	..	..	..	1	..	2	..	..	1	1
Diabetes	1	..	1	2	..	..	1	3	2	1	11	..	1	..	1
Stone	..	..	..	..	..	1	..	..	1	1	3	..	..	..	..
Cystitis	1	1	1	1	..	1	..	1	..	..	6	..	..	..	..
Stricture of Urethra	..	1	..	3	..	2	2	1	..	2	11	..	..	1	1
Disease of Kidneys, &c.	4	2	4	10	4	11	11	3	5	4	58	..	1	1	2
9.—Paramenia	1	..	..	..	..	..	1	..	..	..	2	..	..	..	..
Ovarian Dropsy	..	..	..	..	..	..	4	..	..	..	4	..	..	..	..
Childbirth (*see* Metria)	6	7	7	6	9	8	12	5	9	3	72	..	5	..	5
Disease of Uterus, &c.	1	2	2	1	2	2	2	1	3	2	18	..	2	3	5
10.—Arthritis	..	..	..	..	1	..	..	1	..	..	2	..	..	..	..
Rheumatism	4	7	1	4	5	3	6	5	6	2	43	..	2	2	4
Disease of Joints, &c.	4	2	1	2	3	9	11	..	3	6	41	1	1	..	2
11.—Carbuncle	..	..	2	..	1	..	2	..	..	1	6	..	..	..	..
Phlegmon	..	..	..	..	..	1	2	..	..	..	3	1	..	..	1
Disease of Skin, &c.	..	..	1	..	..	1	..	..	2	1	5	..	..	..	..
17.—Intemperance	..	..	..	1	..	1	3	1	1	1	8	..	1	..	1
Privation of Food	..	2	..	..	..	2	2	1	1	2	10	1	1	..	2
Want of Breast-milk	*	*	*	*	*	*	*	3	3	4	10	6	..	..	6
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	1	1	1	3	..	1	1	2
Burns and Scalds	*	*	*	*	*	*	*	7	6	..	13	7	1	..	8
Hanging and Suffocation	*	*	*	*	*	*	*	1	3	8	12	3	..	..	3
Drowning	*	*	*	*	*	*	*	3	2	1	6	..	2	..	2
Fractures	*	*	*	*	*	*	*	9	16	3	28	4	5	2	11
Wounds	*	*	*	*	*	*	*	2	3	..	5	..	..	2	2
Other Violence	*	*	*	*	*	*	*	2	..	2	4	..	1	..	1
All Violence	18	17	13	23	27	27	23	25	31	15	219	14	10	5	29
Causes not specified	10	6	12	..	12	7	8	..	4	6	65	2	2	1	5

* See Note, page 390.

DEATHS Registered in the FORTY-NINTH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION† in		Mean Temperature for Week ending Saturday,											
			° 45·0 Dec. 11	° 39·8 Dec. 10	° 45·5 Dec. 9	° 32·2 Dec. 7	° 42·3 Dec. 6	° 32·1 Dec. 5	° 47·4 Dec. 4	° 49·0 Dec. 9	° 42·2 Dec. 8	° 42·6 Dec. 7	Mean 41°·8 Sum of 10 Weeks.	° 38·8 Dec. 6
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948369	2362178	770	815	987	988	962	1050	2454	1146	1053	1004	11229	1316
1-6. WEST DISTRICTS .	301189	376427	99	103	153	138	129	144	300	160	147	151	1524	217
7-11. NORTH DISTRICTS .	376568	490396	149	156	165	164	173	194	422	246	202	191	2062	236
12-19. CENTRAL DISTRICTS	374199	393198	149	151	176	187	177	192	530	200	180	179	2121	200
20-25. EAST DISTRICTS .	393067	485522	182	202	222	216	215	254	602	248	224	201	2566	260
26-36. SOUTH DISTRICTS .	503346	616635	191	203	271	283	268	266	600	292	300	282	2956	403
1. Kensington . . . HL	74898	120004	19	28	26	23	31	38	61	32	46	35	339	79
2. Chelsea . . . . *W*H	40243	56538	18	13	27	30	10	19	39	21	25	19	221	41
3. St. George Hanover-sq. H	66657	73230	27	25	26	27	27	27	44	37	31	34	305	27
4. Westminster . HHPP	56802	65609	19	20	32	28	35	26	99	41	24	31	355	39
5. St. Martin-in-the-Flds. H	25132	24640	7	11	17	17	12	16	27	12	9	12	140	18
6. St. James Westminster .	37457	36406	9	6	25	13	14	18	30	17	12	20	164	13
7. Marylebone . . . H	138383	157696	65	56	67	65	65	73	141	74	69	64	739	84
8. Hampstead . . . . }	140078	11986	*	*	*	*	*	*	5	8	..	5	18	5
9. Pancras . . . *W*HH }		166956	49	51	49	63	71	79	159	94	75	64	754	64
10. Islington . . . HHP	55779	95329	21	24	33	22	25	23	80	42	37	44	351	61
11. Hackney . . . . H	42328	58429	14	25	16	14	12	19	37	28	21	14	200	22
12. St. Giles	54378	54214	18	28	31	25	23	20	49	32	18	23	267	29
13. Strand (wkh. in 9) . H	43667	44460	14	8	21	18	25	18	44	21	13	15	197	26
14. Holborn	44532	46571	19	18	22	18	22	27	93	21	33	21	294	24
15. Clerkenwell . . PP	56799	64720	21	20	15	31	26	35	77	33	22	31	311	29
16. St. Luke (wkh. in 20) L	49908	54055	17	18	21	18	20	20	68	33	27	27	269	23
17. East London . . . P	39718	44406	15	19	16	20	24	31	75	20	22	28	270	25
18. West London *W*HPPP	29188	28840	24	23	31	33	16	23	64	26	30	15	285	27
19. City of Lon. (wkh. in 25)	56009	55932	21	17	19	24	21	18	60	14	15	19	228	17
20. Shoreditch . . *W*L	83564	109257	39	42	54	46	49	67	111	48	53	43	552	55
21. Bethnal Green . . L	74206	90193	30	27	28	42	39	33	124	57	29	29	438	39
22. Whitechapel . . . H	71879	79759	37	47	47	38	43	46	134	48	38	48	526	43
23. St. George in the East .	41416	48376	35	18	26	28	24	26	82	26	27	14	306	29
24. Stepney . . . . H	90831	110775	27	54	53	47	37	64	115	45	60	41	543	65
25. Poplar . . . *W*L	31171	47162	14	14	14	15	23	18	36	24	17	26	201	29
26. St. Saviour . . HH	33027	35731	15	16	21	34	21	19	57	22	27	13	245	32
27. St. Olave . . . HH	19869	19375	18	11	11	28	35	23	39	18	20	9	212	35
28. Bermondsey	35002	48128	23	17	31	21	25	22	49	22	25	27	262	30
29. St. Geo. Southwk. LPP	46718	51824	29	18	15	29	25	23	65	28	33	33	298	44
30. Newington . . . P	54693	64816	17	24	35	26	20	23	66	33	38	27	309	39
31. Lambeth	116072	139325	42	63	69	56	51	65	117	64	52	71	650	86
32. Wandsworth . . . L	39918	50764	*	*	*	19	14	16	19	14	18	18	118	26
33. Camberwell . . . LL	39931	54667	7	12	18	20	18	20	52	23	24	26	220	23
34. Rotherhithe	13940	17805	10	7	13	5	12	4	32	8	2	11	104	9
35. Greenwich . HHHP	81125	99365	30	35	58	45	47	51	98	49	52	41	506	68
36. Lewisham . . . *W*	23051	34835	*	*	*	*	*	*	6	11	9	6	32	11

† Seamen and others on board vessels in the docks and river are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841-50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 11,229; which, divided by 10, gives 1123 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 1123 divided by 10 is about 112, which added to 1123, makes the corrected average 1235. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 160 in 10 weeks; the average was 16; the corrected average 18. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831-41; 1·998 *per cent.* annually in the ten years, 1841-51; and 1·778 *per cent.* annually in the fifty years, 1801-51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841-50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5{\cdot}5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	2	.	2
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	1	1
2 Chelsea [North West]	4	4	8
2 *St. George Hanover Square [Chelsea N.W.]*	.	1	1
3 St. George Hanover Square [May Fair]	.	1	1
4 Westminster [St. Margaret]	2	2	4
5 St. Martin-in-the-Fields [Charing Cross]	2	4	6
6 St. James Westminster [Golden Square]	.	.	.
7 Marylebone [Rectory]	6	3	9
9 *Strand [Tottenham Court]*	1	1	2
9 Pancras [Camden Town]	2	3	5
10 Islington [West]	.	2	2
11 Hackney [Hackney]	1	.	1
12 St. Giles [South]	1	4	5
14 Holborn [St. Andrew East]	2	2	4
15 Clerkenwell [St. James]	2	2	4
17 East London [St. Botolph]	.	1	1
18 *East London [West London North]*	2	.	2
18 West London [North]	1	1	2
20 Shoreditch [Haggerstone West]	1	3	4
20 *St. Luke [Hoxton New Town]*	.	1	1
21 Bethnal Green [The Green]	2	.	2
22 Whitechapel [Mile End New Town]	1	1	2
22 Whitechapel [North]	3	5	8
23 St. George-in-the-East [St. John]	2	3	5
24 Stepney [Shadwell]	1	3	4
24 Stepney [Ratcliff]	.	.	.
24 Stepney [Mile End Old Town Lower]	3	.	3
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	1	.	1
25 *London City [Bow]*	.	2	2
25 Poplar [Poplar]	2	.	2
26 St. Saviour [Christchurch]	1	1	2
27 St. Olave [St. John Horselydown]	.	2	2
28 Bermondsey [St. Mary Magdalen]	.	2	2
29 St. George Southwark [Borough Road]	1	1	2
30 Newington [St. Peter Walworth]	3	3	6
31 Lambeth [Lambeth Church 2d]	1	2	3
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	1	1
32 Wandsworth [Battersea]	3	.	3
33 Camberwell [Camberwell]	1	1	2
34 Rotherhithe	.	.	.
35 Greenwich [East]	2	3	5
36 Lewisham [Village]	.	.	.
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	56	66	122
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	9	.	9
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	4	.	4
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	13	.	13
General Hospitals:—			
3 St. George [Belgrave]	2	.	2
4 Westminster [St. Margaret]	1	.	1
5 Charing Cross [Charing Cross]	2	1	3
7 Middlesex [All Souls]	9	5	14
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's-inn-lane]	.	.	.
13 King's College [St. Clement Danes]	3	.	3
18 St. Bartholomew [West London North]	7	3	10
22 London [Whitechapel Church]	.	.	.
27 Guy's [St. Olave and St. Saviour]	9	3	12
27 St. Thomas [St. Olave and St. Saviour]	2	2	4
Total	35	14	49
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	.	2	2
10 Fever [Islington West]	3	2	5
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	2	2	4
Total	5	6	11

	M.	F.	T.
HOSPITALS — *continued.*			
Lying-in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	1	.	1
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	1	.	1
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	1	1	2
21 Warburton's [Bethnal Green]	1	1	2
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	3	2	5
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	.	1
33 Peckham House [Camberwell]	.	1	1
33 Camberwell House [Camberwell]	.	.	.
Total	6	5	11
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	1	.	1
Total	1	.	1
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	1	.	1
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	1	.	1
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	1	1
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	1	1	2
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	1	2	3
Workhouses	56	66	122
Military and Naval Asylums	13	.	13
General Hospitals	35	14	49
Hospitals for Special Diseases	5	6	11
Lying-in Hospitals	1	.	1
Lunatic Asylums	6	5	11
Military and Naval Hospitals	1	.	1
Hospitals and Asylums for Foreigners	1	.	1
Prisons	1	2	3
Total in Public Institutions	119	93	212

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 6th December 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
November.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday . .	30	First Quarter.	30·091	43·9	30·4	34·5	31·9	..	22·0	38·0	36·5	2·6	3·9	1·9	—8·0	Calm	Calm	0·0	0·0	0·0	..	0·00
Dec.—																						
Monday. .	1	..	30·155	37·9	28·7	33·6	30·7	..	25·0	38·0	36·4	2·9	5·3	1·5	—8·8	Calm	N.N.W.	0·0	0·0	0·0	..	0·00
Tuesday .	2	Apogee.	30·137	41·9	33·4	37·7	31·9	..	28·5	38·0	36·4	5·8	7·9	3·6	—4·6	N.N.W.	N.W.	0·0	0·0	0·0	25	0·00
Wednesday	3	In Equator.	30·150	40·9	32·7	37·9	32·4	..	23·0	37·8	36·4	5·5	8·3	4·3	—4·3	N.W.	W.S.W.	0·0	0·0	0·0	20	0·00
Thursday.	4	..	30·147	39·4	30·9	35·8	30·6	..	25·5	38·2	36·5	5·2	9·3	3·3	—6·3	N.N.W.	W.S.W.	0·0	0·0	0·0	45	0·01
Friday . .	5	..	30·141	48·7	39·1	45·1	41·2	..	41·0	39·0	36·8	3·9	7·5	2·8	+3·1	S.W.	Calm	0·0	0·0	0·0	10	0·02
Saturday.	6	..	30·120	48·7	45·9	47·2	39·3	..	44·0	40·0	37·5	7·9	9·2	4·8	+5·2	S.W.	S.W.	0·0	0·0	0·0	125	0·00
Means . .		..	30·134	43·1	34·4	38·8	34·0	..	29·9	38·4	36·6	4·8	7·3	3·2	—3·4	Variable.		..	..	..	Sum 225	Sum 0·03
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

Sunday . .	Nothing shown in the morning, positive with moderate tension in the evening.
Monday . .	Nothing shown throughout the day.
Tuesday . .	Nothing shown throughout the day.
Wednesday	Slightly positive, with weak tension at 9h. p.m., nothing shown at any other observation.
Thursday .	Nothing shown at 9h. a.m., positive with strong tension at other times throughout the day.
Friday . .	Nothing shown throughout the day.
Saturday .	Nothing shown throughout the day.

GENERAL REMARKS.

The sky was three fourths covered at 10h. a.m., and cloudless at 8h. p.m., after which time a dense fog prevailed; clouds, cirrocumuli, and cirrostrati.

The sky was cloudless at 9h. a.m., overcast at noon, three fourths covered at 3h. p.m., and overcast at 9h. p.m., fog prevailed generally during the day, fine rain fell at 9h. p.m.; clouds, cirrostratus.

The sky was for the most part overcast throughout the day; clouds, cirrostratus.

The sky was overcast throughout the day, fine rain fell during the afternoon; clouds, cirrostratus.

The sky was cloudless at 9h. a.m. and noon, overcast at 3h. p.m. and 9h. p.m., fine rain fell during the evening; clouds, cirrostrati.

The sky was two thirds covered by cloud at 9h. a.m., and overcast the remaining portion of the day. Rain fell during the afternoon; clouds, cirrocumuli, and cirrostrati.

The sky was overcast throughout the day; clouds, cirrostratus.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9 h. a.m.; noon; 3h. p.m.; 9h. p.m. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. a.m. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. a.m., was 40·7°; and the mean reading at 9h. p.m. was 42·2°; the mean readings at the Royal Observatory for the same times were 38·3° and 40·4° respectively.

The reading of the barometer during the week has been subject to very small changes, it increased from 30·07 in. at the beginning of the week, with slight variations, to 30·19 in. at 9h. a.m. on the 3d; and decreased, with slight variations, to 30·12 in. at the end of the week.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, December 13. [No. 50.

HEALTH OF LONDON DURING THE WEEK.

Though the rate of mortality in London is still high, the present returns bear witness to a considerable improvement. The deaths, which after a period of continous increase ultimately rose to 1316, declined under the influence of milder temperature, and in the week ending last Saturday the number was 1194. The weekly mean temperature which during the earlier part of November fell to 40 degrees, or 12 degrees lower than it had been during the previous month, and afterwards suffered a further reduction to 35 degrees (which is about 8 degrees less than the average of the period), again rose in the week ending 6th December to 38·8°, and last week to 44·8°, or about 3 degrees above the average.

Taking for comparison the corresponding weeks of 1841–50, with the exception of that part of the series which belongs to 1847, when influenza swelled the mortality of the week to 2416, it appears that the average number of deaths was 1031, or with a correction for increase of population, 1134. The return of last week shows an increase of 60 on the corrected average.

Diseases of the respiratory organs which rose to 333 in the previous week have fallen to 284, and phthisis which in the table forms part of the tubercular class has declined from 180 to 142. The number of fatal cases ascribed to bronchitis last week was 136, and to pneumonia or inflammation of the lungs, 105, of which 83 were among children. The increase of bronchitis above the average is worthy of remark.

The mortality from zymotic or epidemic diseases amounted last week to 243, and is in the aggregate heavy, though no particular malady in this class prevails to a formidable extent. The table shows that 37 persons were carried off by small-pox, 16 by measles, 34 by scarlatina, 24 by hooping-cough, 5 by croup, 21 by diarrhœa, one by dysentery, 2 by cholera, 6 by influenza, one by purpura, 3 by remittent fever, 2 by infantile fever, 10 by fever after childbirth (besides 3 other cases of puerperal disease), one by rheumatic fever, 62 by typhus, continued fever, &c., 11 by erysipelas, 5 children by syphilis, and 2 by noma or cancrum oris. The mortality from fever is considerable, and does not yet evince a disposition to fall to its ordinary amount.

In Paddington, at 108 Praed-street, the son of a cordwainer, aged 2 years, died on 7th December of "scarlatina maligna (14 days)." The medical attendant states that "the deceased lived in a damp and ill-ventilated kitchen. This is the second death that has occurred from the same cause in this kitchen within three weeks."

In North-east sub-district of Chelsea, at 9 Ball's-gardens, the son of a labourer, aged 5 years, died of "fever (10 days)." "These gardens (says Mr. Smith) are,

I think, the most unhealthy part of my district; they have an open sewer running along the front of the whole."

The following are the particulars of the two cases of cholera:—At the Hahnemann Hospital, 39 Bloomsbury-square, on 6th December, a female servant, aged 28 years, "Asiatic cholera." Mr. Yardley states that "this case was brought from the Grove at Kentish-town, and the patient was in the hospital two days previous to death."

At 15 Devon's-road, Bromley, on 8th December, the wife of a labourer, aged 27 years, "English cholera."

At 2 Rhodes's-cottages, Islington, on 13th December, the son of a labourer, aged one year, died of "diarrhœa (8 days)." Mr. Butterfield states that "these cottages are in every respect unfit for habitation."

Of the 37 deaths attributed to small-pox, 13 occurred to males, 24 to females; 30 under 15 years of age, 7 at ages varying from 15 to 45 years. In 18 cases it is stated that the deceased persons had never been vaccinated, or that the disease was "natural," or that vaccination had not been successful; in 12 cases they had been vaccinated, and in 7 cases it is not mentioned in the register whether vaccination had been performed or not, in some instances perhaps because the fact could not be ascertained.

In the sub-district of Kent-road, at 5 Red-cross-court, on 8th December, the daughter of a labourer, aged 9 years, died of "small-pox, unvaccinated." Mr. Fitch adds that "her father was very much opposed to vaccination, because some years ago he lost a child from the effects of it."

In the sub-district of Waterloo (second part), at 4 William-street, on 7th December, the son of a wheelwright, aged 2 years, died of "hooping-cough (8 days), small-pox (6 days)." Mr. Daws adds: "The mother of the deceased states that at a former period five of her children, whom she considered to have been effectually vaccinated, afterwards had small-pox severely, and one of them died. The child now dead had not been vaccinated, because it appeared to her to give no protection." And in the same sub-district, at 6 Frances-street, on 9th December, the son of a boiler-maker, aged 5 years, died of "confluent small-pox (14 days)." The informant stated that the deceased had been properly vaccinated, the matter from its arm being used effectually to vaccinate another child. The medical attendant considers vaccination as a protection only for a limited period.

A few cases of a special character, recorded last week in the register books, may be noticed: In Marylebone, an upholsterer, aged 56 years, died of "enlargement of the spleen, ulceration of the colon, diarrhœa." It appeared on post-mortem examination that the spleen was 10 inches long, and must have weighed more than 3lbs. At 35 Clarendon-street, Somers-town, a man, aged 22 years, died of phthisis, after 6 months' illness. Mr. Matthews, the Registrar, states that "this person had never walked nor talked, was fed with a spoon, and had to be treated in all respects like a child. His mother had another child with similar infirmity, who lived to the age of 15; but all her other children are grown up and healthy. The deceased was full-grown, and had entire possession of his intellect." In Mile-end, New Town, at 16 Hunt-court, on 10th December, a journeyman brush-maker, aged 51 years, died of "ascites (3 weeks)." It is stated by the medical attendant that "his patient informed him that he had previously taken one of Dr. Coffin's medicines, to which he (the deceased) attributed his last illness." On the 7th December a labourer, aged 68 years, died in the Workhouse, Marylebone, of "destitution." This man had been brought in by the police. In the Workhouse, Greenwich, a seaman, aged 38 years, died of "severe frost-bites on both feet; constitution weakened by three months' imprisonment; low fever." Three female infants died of suffocation, two of which cases occurred in bed. A man upwards of 60 years of age died of carbuncle. Eight children died from "want of breast-milk," and one of neglect.

Last week the births of 802 boys and 735 girls, in all 1537 children, were registered. The average of six corresponding weeks in the years 1845–50 was 1342.

At the Royal Observatory, Greenwich, the mean daily height of the barometer in the week was above 30 in. on Sunday, Tuesday, Thursday, Friday, and Saturday; the mean of the week was 30·140 in. The mean temperature of the week was 44·8°. The daily mean was highest on Wednesday, when it was 51·5°, and lowest on Friday, when it was 33 degrees. On the former day it was about 10 degrees above the average of corresponding days, on the latter it was about 9 degrees below it. The mean temperature was above the average during the week, except on the last two days. The wind was generally in the south-west.

BIRTHS Registered LAST WEEK, and in the FIFTIETH Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL. . . .	1359	1252	1305	1397	1309	1434	1342	1537
Males . . .	721	615	638	718	662	728	680	802
Females . .	638	637	667	679	647	706	662	735

DEATHS Registered LAST WEEK, and in the FIFTIETH Week of Ten previous Years.

	Ages.	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL. . .		794	966	967	1201	970	1163	2416	1130	1002	1090	1169·9	1194
Males . .		438	472	491	610	517	614	1175	579	487	543	592·6	589
Females .		356	494	476	591	453	549	1241	551	515	547	577·3	605
Deaths at three periods of life . .	0—15	380	474	510	529	490	454	1016	590	440	492	537·5	525
	15—60	250	295	279	401	288	407	698	351	336	318	362·3	399
	60 & up.	161	194	173	271	189	301	702	188	226	280	268·5	269

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

BIRTHS and DEATHS Registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Sept. 20.	Sept. 27.	Oct. 4.	Oct. 11.	Oct. 18.	Oct. 25.	Nov. 1.	Nov. 8.	Nov. 15.	Nov. 22.	Nov. 29.	Dec. 6.	Dec. 13.
BIRTHS	1527	1484	1429	1415	1443	1673	1480	1480	1526	1381	1541	1528	1537
DEATHS	1097	958	1014	953	981	977	861	989	1022	1132	1279	1316	1194
DEATHS (except from Violence) . . .	1068	907	944	930	959	958	845	960	1001	1107	1250	1287	1153
Deaths (except from Violence) at 60 years and upwards . .	204	179	199	171	182	171	167	197	205	239	274	300	266
Scarlatina	41	41	48	55	43	67	50	59	43	45	38	44	34
Typhus	67	46	61	60	67	79	60	58	58	62	50	61	62
Diarrhœa & Dysentery	106	94	66	54	43	34	36	34	30	22	31	28	22
Cholera	7	9	4	4	1	1	1	1	..	..	..	1	2
Mean Temperature .	57°·3	54°·8	53°·2	54°·6	52°·8	54°·5	46°·3	40°·0	40°·2	35°·1	35°·8	38°·8	44°·8

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 44°·8—Dec. 13.			
	39°·6	49°·0	41°·4	28°·0	38°·9	35°·6	46°·4	50°·2	40°·0	40°·1	Mean 40°·9				
	Dec. 18 1841	Dec. 17 1842	Dec. 16 1843	Dec. 14 1844	Dec. 13 1845	Dec. 12 1846	Dec. 11 1847	Dec. 16 1848	Dec. 15 1849	Dec. 14 1850	Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	794	966	967	1201	970	1163	2416	1130	1002	1090	11699	525	399	269	1194†
SPECIFIED CAUSES	790	959	954	1196	964	1159	2414	1128	998	1089	11651	523	398	268	1190†
1. Zymotic Diseases	146	163	194	226	212	192	785	360	180	200	2658	168	60	15	243
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	57	79	52	67	44	54	46	55	42	46	542	4	12	20	36
3. Tubercular Diseases	161	170	176	175	138	183	277	138	163	165	1746	60	121	9	190
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	98	129	113	136	118	127	139	102	114	140	1216	58	35	32	125
5. Diseases of the Heart and Blood-vessels	17	18	21	42	28	63	50	41	39	46	365	1	20	20	41
6. Diseases of the Lungs, and of the other Organs of Respiration	128	176	177	283	215	275	715	185	219	271	2644	129	64	91	284
7. Diseases of the Stomach, Liver, and other Organs of Digestion	53	41	54	75	55	63	81	62	51	48	583	19	32	15	66
8. Diseases of the Kidneys, &c.	3	12	5	5	11	11	17	12	14	12	102	..	10	5	15
9. Childbirth, Diseases of the Uterus, &c.	3	12	9	10	17	16	20	12	7	12	118	..	5	3	8
10. Rheumatism, Diseases of the Bones, Joints, &c.	3	6	6	11	9	6	11	7	16	10	85	2	6	..	8
11. Diseases of the Skin, Cellular Tissue, &c.	1	..	..	..	1	2	..	2	3	..	9	..	..	1	1
12. Malformations	..	2	4	1	5	2	6	6	3	7	36	5	..	..	5
13. Premature Birth & Debility	19	16	23	17	27	25	43	26	19	30	245	36	5	..	41
14. Atrophy	1	3	16	14	16	19	38	25	15	23	170	17	1	..	18
15. Age	60	83	71	78	43	66	134	37	46	45	663	..	..	51	51
16. Sudden	16	16	11	20	2	12	17	23	23	7	147	2	2	2	7†
17. Violence, Privation, Cold, and Intemperance	24	33	22	36	23	43	35	35	44	27	322	22	25	4	51
1.—Small-pox	5	8	10	51	4	3	22	24	8	24	159	30	7	..	37
Measles	22	36	38	33	79	12	69	20	46	20	375	15	1	..	16
Scarlatina	18	40	46	47	19	25	45	113	19	29	401	33	1	..	34
Hooping Cough	47	33	41	26	52	37	71	45	23	42	417	24	..	..	24
Croup	11	8	11	12	9	2	16	5	3	12	89	5	..	..	5
Thrush	3	2	4	2	3	2	3	4	2	1	26	..	..	..	..
Diarrhœa	4	2	6	10	7	22	25	24	14	10	124	13	5	3	21
Dysentery	3	..	2	2	2	1	3	1	5	3	22	..	..	1	1
Cholera	..	3	..	..	..	1	..	29	1	2	36	..	2	..	2
Influenza	1	1	1	4	2	11	374	2	5	1	402	2	1	3	6
Purpura and Scurvy	..	..	..	..	..	..	1	..	1	2	4	1	..	..	1
Ague	1	..	1	..	..	1	2	..	1	..	6	..	..	..	..
Remittent Fever	..	..	1	1	1	3	2	2	..	1	11	3	..	..	3
Infantile Fever	*	*	*	*	*	*	*	1	1	2	4	2	..	..	2
Typhus	27	28	29	28	28	59	136	68	33	37	473	28	27	7	62
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	8	3	8	19	..	10	..	10
Rheumatic Fever	*	*	*	*	*	*	*	..	3	2	5	..	1	..	1
Erysipelas	3	2	4	9	3	9	13	10	11	3	67	5	5	1	11
Syphilis	1	..	..	1	3	3	2	4	1	1	16	5	..	..	5
Noma (or Canker)	*	*	*	*	..	1	1	..	..	..	2	2	..	..	2
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	1	3	2	4	5	3	4	3	2	3	30	..	2	3	5
Dropsy	34	56	30	45	15	25	23	23	13	17	281	3	3	6	12
Abscess	2	2	3	2	4	2	3	1	2	1	22	1	..	..	1
Ulcer	2	..	1	..	2	1	..	3	2	3	14	..	..	..	..
Fistula	..	1	..	..	..	1	..	..	..	..	2	..	..	..	..
Mortification	6	6	6	6	1	4	2	5	4	2	42	..	2	3	5
Cancer	11	7	9	10	17	18	13	20	18	20	143	..	5	8	13
Gout	1	4	1	..	..	..	1	..	1	..	8	..	..	..	..
3.—Scrofula	1	1	7	2	5	5	14	6	12	4	57	2	1	1	4
Tabes Mesenterica	4	5	5	6	7	16	33	11	14	14	115	9	..	..	9
Phthisis (or Consumption)	130	129	118	145	96	139	192	87	108	116	1260	15	120	7	142
Hydrocephalus	26	35	46	22	30	23	38	34	29	31	314	34	..	1	35

* See Note, page 398.

† The age of a person *found dead* is not stated.

n the Fiftieth Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 44°·8—Dec. 13.			
	39°·6	49°·0	41°·4	28°·0	38°·9	35°·6	46°·4	50°·2	40°·0	40°·1	Mean 40°·9				
	Dec. 18 1841	Dec. 17 1842	Dec. 16 1843	Dec. 14 1844	Dec. 13 1845	Dec. 12 1846	Dec. 11 1847	Dec. 16 1848	Dec. 15 1849	Dec. 14 1850	Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	7	17	13	14	13	6	11	7	9	8	105	7	1	1	9
Apoplexy	14	18	17	29	26	25	20	20	25	30	224	1	12	8	21
Paralysis	16	21	20	22	16	26	30	14	23	29	217	..	10	20	30
Delirium Tremens	2	1	1	2	4	3	..	2	4	1	20	..	4	..	4
Chorea	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..
Epilepsy	3	8	2	5	5	6	5	4	2	13	53	2	2	..	4
Tetanus	..	..	..	..	2	1	..	..	1	..	4	..	1	..	1
Insanity	..	..	5	..	5	2	1	1	2	4	20	..	..	1	1
Convulsions	49	52	48	50	39	46	57	44	38	40	463	46	..	..	46
Disease of Brain, &c.	7	12	7	14	8	12	15	10	10	14	109	2	5	2	9
5.—Pericarditis	..	2	2	3	1	1	..	3	4	2	18	..	2	..	2
Aneurism	..	..	1	1	1	1	2	1	3	1	11	..	1	..	1
Disease of Heart, &c.	17	16	18	38	26	61	48	37	32	43	336	1	17	20	38
6.—Laryngitis	..	1	..	1	1	3	9	5	3	3	26	3	1	..	4
Bronchitis	14	12	16	43	73	106	299	79	89	114	845	42	32	62	136
Pleurisy	3	2	..	3	1	3	14	4	2	2	34	..	2	..	2
Pneumonia	80	109	108	145	101	114	294	86	90	113	1240	83	14	8	105
Asthma	19	36	33	65	27	33	78	6	26	25	348	..	11	19	30
Disease of Lungs, &c.	12	16	20	26	12	16	21	5	9	14	151	1	4	2	7
7.—Teething	10	12	16	16	6	5	19	7	9	7	107	8	..	..	8
Quinsey	3	..	1	4	1	..	3	2	2	2	18	1	1	..	2
Gastritis, Enteritis	19	12	12	1 / 15	2 / 7	5 / 7	2 / 8	1 / 10	.. / 7	1 / 3	112	.. / 3	.. / 3	.. / 3	.. / 9
Peritonitis	1	3	3	2	5	3	2	4	3	2	28	1	5	1	7
Ascites	3	2	2	4	1	4	2	1	..	2	21	..	1	1	2
Ulceration (of Intestines)	1	2	2	..	5	3	..	2	3	2	20	..	3	..	3
Hernia	3	2	..	2	2	4	7	2	3	4	29	..	1	2	3
Ileus	3	1	3	1	4	3	4	2	1	3	25	1	3	1	5
Intussusception	..	..	1	1	2	..	..	2	1	1	8	..	..	..	..
Stricture of Intestinal Canal	..	..	..	2	..	1	..	1	1	..	5	..	1	..	1
Disease of Stomach, &c.	..	1	7	4	6	7	10	8	7	5	55	1	3	2	6
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	1	1	1	2	3	3	6	4	4	3	28	..	4	1	5
Jaundice	..	..	1	5	4	6	3	3	1	3	26	1	..	..	1
Disease of Liver	9	5	5	16	7	12	15	13	7	9	98	2	6	4	12
Disease of Spleen	..	..	..	..	..	..	..	..	2	1	3	1	1	..	2
8.—Nephritis	..	..	1	..	1	1	..	..	..	3	6	..	2	..	2
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	2	4	2	8	..	1	1	2
Ischuria	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..
Diabetes	..	1	2	1	1	..	..	1	..	..	6	..	1	..	1
Stone	..	..	..	..	..	..	1	1	..	..	2	..	1	..	1
Cystitis	..	..	..	..	..	..	2	..	2	..	4	..	..	..	..
Stricture of Urethra	..	4	..	2	1	5	..	..	2	2	16	..	..	..	..
Disease of Kidneys, &c.	3	7	2	2	8	5	13	8	6	5	59	..	5	4	9
9.—Paramenia	..	..	1	..	1	1	..	2	4	..	9	..	..	..	..
Ovarian Dropsy	..	..	..	1	..	1	..	1	3	..	6	..	1	1	2
Childbirth (*see* Metria)	1	9	7	7	13	10	15	6	..	7	75	..	3	..	3
Disease of Uterus, &c.	2	3	1	2	3	4	5	3	..	5	28	..	1	2	3
10.—Arthritis	..	..	..	..	..	..	2	..	..	..	2	..	2	..	2
Rheumatism	1	4	3	3	4	5	5	3	12	6	46	1	1	..	2
Disease of Joints, &c.	2	2	3	8	5	1	4	4	4	4	37	1	3	..	4
11.—Carbuncle	..	..	..	..	..	..	..	..	1	..	1	..	..	1	1
Phlegmon	1	..	..	..	..	1	..	1	1	..	4	..	..	..	..
Disease of Skin, &c.	..	..	..	..	1	1	..	1	1	..	4	..	..	..	..
17.—Intemperance	..	..	1	3	2	2	2	1	3	1	15	..	..	..	..
Privation of Food	3	..	..	2	..	1	1	2	..	..	9	..	..	1	1
Want of Breast-milk	*	*	*	*	*	*	*	5	4	4	13	8	..	..	8
Neglect	*	*	*	*	*	*	*	..	..	..	..	1	..	..	1
Cold	*	*	*	*	*	*	*	..	1	..	1	..	..	..	..
Poison	*	*	*	*	*	*	*	3	3	..	6	..	1	..	1
Burns and Scalds	*	*	*	*	*	*	*	5	9	4	18	6	1	..	7
Hanging and Suffocation	*	*	*	*	*	*	*	1	4	4	9	3	1	..	4
Drowning	*	*	*	*	*	*	*	6	2	1	9	..	10	..	10
Fractures	*	*	*	*	*	*	*	8	13	12	33	3	11	3	17
Wounds	*	*	*	*	*	*	*	4	2	..	6	1	1	..	2
Other Violence	*	*	*	*	*	*	*	..	3	1	4	..	..	..	..
All Violence	21	33	21	31	21	40	32	27	36	22	284	13	25	3	41
Causes not specified	4	7	13	5	6	4	2	2	4	1	48	2	1	1	4

* See Note, page 398.

DEATHS Registered in the FIFTIETH WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION† in		Mean Temperature for the Week ending Saturday,											
			39°·6 Dec. 18	49°·0 Dec. 17	41°·4 Dec. 16	28°·0 Dec. 14	38°·9 Dec. 13	35°·6 Dec. 12	46°·4 Dec. 11	50°·2 Dec. 16	40°·0 Dec. 15	40°·1 Dec. 14	Mean 40°·9 Sum of 10 Weeks.	44°·8 Dec. 13
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948417	2362236	794	966	967	1201	970	1163	2416	1130	1002	1090	11699	1194
1–6. WEST DISTRICTS .	301189	376427	100	147	126	176	130	172	332	196	164	177	1720	157
7–11. NORTH DISTRICTS .	376568	490396	145	190	165	209	162	210	482	229	195	215	2202	263
12–19. CENTRAL DISTRICTS	374247	393256	148	182	205	209	186	217	458	157	171	166	2099	202
20–25. EAST DISTRICTS .	393067	485522	183	224	235	268	215	273	463	253	207	233	2554	270
26–36. SOUTH DISTRICTS .	503346	616635	218	223	236	339	277	291	681	295	265	299	3124	302
1. Kensington . . . HL	74898	120004	24	36	26	44	33	37	91	51	49	42	433	48
2. Chelsea . . . . *W*H	40243	56538	14	28	21	33	20	22	57	34	31	38	298	19
3. St. George Hanover-sq. H	66657	73230	18	18	20	37	20	55	56	49	20	26	319	32
4. Westminster. . HHPP	56802	65609	21	37	25	34	28	39	66	47	43	31	371	31
5. St. Martin-in-the-Flds. H	25132	24640	11	16	18	14	12	7	25	6	7	24	140	13
6. St. James Westminster .	37457	36406	12	12	16	14	17	12	37	9	14	16	159	14
7. Marylebone . . . H	138383	157696	65	71	45	84	69	83	155	77	68	71	788	93
8. Hampstead . . . . }	140078	11986	*	*	*	*	*	*	12	4	3	3	22	1
9. Pancras . . . *W*HH }		166956	59	78	85	82	50	69	198	92	59	84	856	95
10. Islington . . . HHP	55779	95329	13	19	20	24	20	37	74	34	45	42	328	49
11. Hackney . . . . H	42328	58429	8	22	15	19	23	21	43	22	20	15	208	25
12. St. Giles	54378	54214	16	25	34	27	19	32	64	21	24	32	294	24
13. Strand (wkh. in 9) . H	43667	44460	20	23	26	26	16	21	37	12	19	20	220	27
14. Holborn	44532	46571	19	26	21	29	21	21	56	19	16	18	246	34
15. Clerkenwell . . PP	56847	64778	17	30	29	30	33	29	75	31	21	29	324	27
16. St. Luke (wkh. in 20) L	49908	54055	19	19	27	23	29	24	52	25	28	18	264	25
17. East London . . . P	39718	44406	13	20	20	13	16	33	48	12	21	22	218	21
18. West London *W*HPPP	29188	28840	18	23	33	26	33	36	61	20	23	12	285	22
19. City of Lon. (wkh. in 25)	56009	55932	26	16	15	35	19	21	65	17	19	15	248	22
20. Shoreditch . . *W*L	83564	109257	38	52	41	65	42	57	118	72	55	52	592	48
21. Bethnal Green . . L	74206	90193	34	37	39	58	42	45	90	51	26	31	453	33
22. Whitechapel . . . H	71879	79759	43	62	64	58	43	57	88	54	52	43	564	49
23. St. George-in-the-East .	41416	48376	22	24	20	21	19	28	54	24	22	31	265	32
24. Stepney . . . . H	90831	110775	33	36	56	47	51	65	88	37	32	57	502	82
25. Poplar. . . . *W*L	31171	47162	13	13	15	19	18	21	25	15	20	19	178	26
26. St. Saviour . . HH	33027	35731	12	23	16	36	18	12	60	24	18	28	247	19
27. St. Olave . . . HH	19869	19375	21	17	8	23	28	23	38	31	14	32	235	41
28. Bermondsey	35002	48128	22	14	26	25	18	25	66	22	16	21	255	21
29. St. Geo. Southwk. LPP	46718	51824	20	22	32	36	22	28	64	25	25	38	312	22
30. Newington . . . P	54693	64816	32	26	30	32	32	33	92	41	41	22	381	28
31. Lambeth	116072	139325	54	67	50	65	65	71	135	44	48	63	662	73
32. Wandsworth . . . L	39918	50764	*	*	*	18	17	21	31	16	13	24	140	11
33. Camberwell . . . LL	39931	54667	11	15	22	27	22	22	51	16	25	15	226	26
34. Rotherhithe	13940	17805	6	8	10	8	9	8	24	10	6	7	96	5
35. Greenwich . HHHP	81125	99365	40	31	42	69	46	48	105	57	46	34	518	40
36. Lewisham. . . . *W*	23051	34835	*	*	*	*	*	*	15	9	13	15	52	16

† Seamen and others on board vessels in the docks and river are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 11699; which divided by 10 gives nearly 1170 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 1170 divided by 10 is about 117, which added to 1170, makes the corrected average 1287. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 159 in 10 weeks; the average was 16; the corrected average 18. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831–41; 1·998 *per cent.* annually in the ten years, 1841–51; and 1·778 *per cent.* annually in the fifty years, 1801–51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$, so $r^{5\cdot5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	1	1
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	1	.	1
2 Chelsea [North West]	1	2	3
2 *St. George Hanover Square [Chelsea N.W.]*	.	.	.
3 St. George Hanover Square [May Fair]	.	.	.
4 Westminster [St. Margaret]	1	2	3
5 St. Martin-in-the-Fields [Charing Cross]	1	1	2
6 St. James Westminster [Golden Square]	2	.	2
7 Marylebone [Rectory]	8	5	13
9 *Strand [Tottenham Court]*	1	3	4
9 Pancras [Camden Town]	2	6	8
10 Islington [West]	.	1	1
11 Hackney [Hackney]	2	.	2
12 St. Giles [South]	2	3	5
14 Holborn [St. Andrew East]	.	4	4
15 Clerkenwell [St. James]	.	.	.
17 East London [St. Botolph]	1	.	1
18 *East London [West London North]*	1	.	1
18 West London [North]	2	.	2
20 Shoreditch [Haggerstone West]	.	2	2
20 *St. Luke [Hoxton New Town]*	.	1	1
21 Bethnal Green [The Green]	1	1	2
22 Whitechapel [Mile End New Town]	.	1	1
22 Whitechapel [North]	3	5	8
23 St. George-in-the-East [St. John]	3	2	5
24 Stepney [Shadwell]	.	2	2
24 Stepney [Ratcliff]	1	3	4
24 Stepney [Mile End Old Town Lower]	5	.	5
24 City of London [ditto]	.	.	.
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	1	1	2
25 Poplar [Poplar]	.	1	1
26 St. Saviour [Christchurch]	1	.	1
27 St. Olave [St. John Horselydown]	.	.	.
28 Bermondsey [St. Mary Magdalen]	.	.	.
29 St. George Southwark [Borough Road]	4	.	4
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2d]	5	2	7
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	1	1	2
33 Camberwell [Camberwell]	2	.	2
34 Rotherhithe	.	.	.
35 Greenwich [East]	1	2	3
36 Lewisham [Village]	1	1	2
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	54	53	107
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	6	.	6
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	1	.	1
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	7	.	7
General Hospitals:—			
3 St. George [Belgrave]	4	4	8
4 Westminster [St. Margaret]	2	2	4
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	3	2	5
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's Inn Lane]	.	.	.
13 King's College [St. Clement Danes]	2	2	4
18 St. Bartholomew [West London North]	8	3	11
22 London [Whitechapel Church]	1	.	1
27 Guy's [St. Olave and St. Saviour]	11	7	18
27 St. Thomas [St. Olave & St. Saviour]	8	5	13
Total	39	25	64
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	.	3	3
10 Fever [Islington West]	1	1	2
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	1	1	2
Total	2	5	7

	M.	F.	T.
HOSPITALS—*continued.*			
Lying-in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	.	.	.
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northum. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	1	1	2
21 Warburton's [Bethnal Green]	1	.	1
25 Lunatic Asylum [Bow]	.	.	.
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	.	.
33 Peckham House [Camberwell]	1	.	1
33 Camberwell House [Camberwell]	.	.	.
Total	3	1	4
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	.	.	.
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	4	.	4
36 Dreadnought Ship (for Seamen, Greenwich West)	.	.	.
Total	4	.	4
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	1	.	1
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	1	.	1
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	1	.	1
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	1	.	1
Workhouses	54	53	107
Military and Naval Asylums	7	.	7
General Hospitals	39	25	64
Hospitals for Special Diseases	2	5	7
Lying-in Hospitals	.	.	.
Lunatic Asylums	3	1	4
Military and Naval Hospitals	4	.	4
Hospitals and Asylums for Foreigners	1	.	1
Prisons	1	.	1
Total in Public Institutions	111	84	195

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 13th December 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
December.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday .	7	..	30·075	50·1	44·7	47·5	40·9	..	44·0	41·2	38·5	6·6	7·4	5·7	+5·6	S.W.	S.W.	0·0	0·0	0·0	215	0·00
Monday .	8	Full	29·938	53·4	42·7	48·6	40·5	..	39·0	41·5	38·8	8·1	11·8	4·6	+6·7	S.W.	W.	4·0	0·0	1·0	115	0·00
Tuesday .	9	..	30·030	53·3	37·9	49·1	45·6	58·0	32·0	43·0	39·2	3·5	4·8	2·6	+7·3	S.S.W.	S.W.	0·0	0·0	0·0	190	0·00
Wednesday	10	Greatest Dec. N.	29·919	54·8	49·6	51·5	45·5	..	46·0	44·0	40·5	6·0	7·8	5·7	+9·8	S.W.	S.S.W.	3·5	0·0	0·4	180	0·00
Thursday .	11	..	30·353	50·8	37·4	43·4	37·6	52·0	26·5	43·8	40·5	5·8	7·9	2·5	+1·8	W.S.W.	Calm	0·0	0·0	0·0	20	0·00
Friday .	12	..	30·371	39·6	29·7	33·0	31·0	41·0	27·0	43·6	40·5	2·0	3·7	0·0	—8·5	Calm	Calm	0·0	0·0	0·0	25	0·00
Saturday .	13	..	30·296	43·4	36·1	40·5	37·6	43·4	32·0	43·5	40·5	2·9	6·2	2·4	—0·9	E.	Calm	0·0	0·0	0·0	55	0·00
Means . .		..	30·140	49·3	39·7	44·8	39·8	48·6	35·2	42·9	39·8	5·0	7·1	3·4	+3·1	S.W.		..	..	..	Sum 800	Sum 0·00
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

Sunday . .	
Monday. .	Nothing was shown during the first four days of the week.
Tuesday .	
Wednesday	
Thursday .	Positive, and very active after noon.
Friday . .	Positive, and very active throughout the day; sparks were shown.
Saturday .	Positive, and tension strong throughout the day.

GENERAL REMARKS.

The sky was overcast till evening; cirrostratus and light clouds. Light rain fell at noon.

The sky was one half covered with cloud during the earlier portion of the morning, and generally clear until evening; cirrostratus and light clouds.

The sky was overcast throughout the day; cirrostratus. A few drops of rain fell during the evening.

The sky was overcast until noon, and three fourths covered during the remainder of the day; cirrostratus, fleecy clouds, and scud.

Light clouds and haze prevailed during the afternoon, at other times the sky was clear.

Dense fog prevailed throughout the day.

The sky was overcast throughout the day; cirrostratus.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R.S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, —*lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 45°2°; and the mean reading at 9h. P.M. was 44°8°; the mean readings at the Royal Observatory for the same times were 43°5° and 43°7° respectively.

The reading of the barometer decreased from 30·13 in. at the beginning of the week to 29·84 in. by 3h. A.M. on the 8th; increased to 30·09 in. by 9h. A.M. on the 9th; decreased to 29·89 in. by 9h. P.M. on the 10th; increased quickly to 30·29 in. by 9h. A.M. on the 11th; and still further to 30·42 in. by 9h. P.M. on the same day, at which reading it remained for several hours, and then decreased slowly to 30·29 in. by 3h. P.M. on the 13th, after which it turned to increase; and was 30·31 in. at the end of the week.

The mean direction of the wind for the week is S.W.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, December 20. [No. 51.

HEALTH OF LONDON DURING THE WEEK.

The present return shows that the mortality in London, by which recent weeks have been distinguished, still maintains a position which indicates an unfavourable state of the public health. Since the middle of November the weekly deaths have been, in succession, 1132, 1279, 1316, 1194, and in the week ending last Saturday 1206.

In the week ending 18th December 1847 influenza raised the deaths in London to 1946 ; but if the mortality of that week be excluded from the comparison, it appears that the average number of deaths in the corresponding weeks of 1841–50 was 1060, which if corrected for increase of population is 1166. On this corrected average the return of last week shows an excess of 40.

It will be seen on inspection of the table of Fatal Causes that two classes of disease, the zymotic or epidemic, and that which comprises affections of the respiratory organs (exclusive of phthisis and hooping-cough), produced last week almost the same amount of mortality, the deaths enumerated in the former being 251, those in the latter 252. Bronchitis was fatal in 105 cases, pneumonia in 110; in the three corresponding weeks of 1848–50 the former disease ranged from 68 to 110, the latter from 81 to 117. Asthma carried off 18 persons last week, laryngitis and laryngismus stridulus 5, and pleurisy 5. Phthisis was recorded as the cause of death in 150 cases, which is more than has been usual at the same period, the numbers in corresponding weeks not having averaged more than 120.

Diseases of the respiratory organs show collectively a gradual decrease during the last three weeks, in which the deaths attributed to them were 333, 284, and 252. On the other hand zymotic diseases taken together have maintained a more uniform rate of mortality, and are now more fatal than usual at this time; the deaths from these in the last three weeks were 249, 243, and 251.

In the present return the deaths of 35 children and 3 adults are ascribed to small-pox, those of 22 children to measles, of 25 to hooping-cough, of 17 to croup, of 5 to thrush, of 3 to remittent fever, of 2 to infantile fever, of one to syphilis, of 41 persons to scarlatina, of 19 to diarrhœa and dysentery, of 5 to influenza, of one to intermittent fever, of 50 to typhus, continued fever, &c., of one to rheumatic fever, of 7 to erysipelas, and of 13 women to puerperal fever (besides the deaths of 6 other women from puerperal disease).

Of the 38 cases of small-pox, 27 occurred to males and 11 to females. In three cases it is stated that the sufferers had been previously vaccinated, in 19 that they had not been vaccinated, and in 16 the fact of vaccination is omitted in the registration, either from neglect, or because it could not be ascertained.

Three were registered in the Small-pox Hospital, as follows :

On 12th December a tallow-chandler from Wootten-street, Lambeth, aged 23

years, died of small-pox (13 days) confluent, unmodified, pneumonia (4 days). He was vaccinated at the age of 9 months.

On 13th December a labourer from Queen-street, Southwark, aged 19 years, small-pox (15 days), confluent, unprotected.

On 15th December a female servant from Bennett-street, Fitzroy-square, aged 14 years, small-pox (34 days) confluent, unprotected, convulsions (2 days).

In the south sub-district of St. Giles-in-the-fields three children died of small-pox, one at 36 Short's-gardens on 10th December, another at 2 Parker-street on 11th December, and the third at 1 Lincoln-court on 14th December. Mr. Faulkner says with regard to the first:—"It was not vaccinated in consequence of a prejudice which the father entertained against vaccination. It is remarkable how many amongst the poor object to vaccination, principally from the want of proper information with respect to its efficacy. I saw the child that died in Parker-street about a week before its death; it was then in a very bad state, and I suggested that aid should be immediately applied for, which, however, was not obtained till four or five days later."

In St. James, Bermondsey, at 4, Pleasant-place, on 15th December, the daughter of a stonemason, aged 5 years, died of "scarlatina (6 days)." This (says Mr. Martin) is the third death from scarlatina in the same house within 13 days. The dead body of the first child was kept for 12 days, notwithstanding repeated remonstrances, within a few feet of other children, who sickened and died; a fourth child is now labouring under the disease. The house, consisting of two rooms and an outhouse, is ill-drained and ventilated; the supply of water is insufficient, and flows into a butt close to a privy which overflows.

In Camberwell, at 61 Waterloo-street, on 10th December, the daughter of a carpenter, aged 8 years, died of "scarlatina maligna (14 days)." Mr. Searle states that "an open sewer runs within a few yards of this house, and the effluvium from it is said to be most offensive. The mother believes that this was the cause of the disease." In the sub-district of Hackney-road, at 6 Boundary-street, on the 14th December, the daughter of a sawyer, aged 5 years, died of "scarlatina anginosa (3 weeks);" and at No. 1. in the same street, on 10th December, the wife of a cord-wainer, aged 33 years, died of "puerperal fever; 18 days after childbirth." The street is described by Mr. Murray, the Registrar, as "close, crowded, and undrained." In the same sub-district, at Pond-cottage, on 12th December, the wife of a commercial traveller, aged 26 years, died of "uterine hæmorrhage (14 hours), cause unknown." The house stands in front of Banker's-pond, which emits a fetid smell. In the sub-district of City-road, at 3 Pound's-passage, on 18th December, the daughter of a coal-porter, aged 8 years, died of "typhus (one month)." This (says Mr. Hamlin) is a small house, consisting of two rooms, badly ventilated, and having defective drainage. In Bloomsbury, at 16 Coram-place, a child died of "typhus gravior (3 weeks)." Mr. Yardley was told that several cases of typhus have occurred in this place and Russell-place adjoining, both of which places are built in a pit some ten or twelve feet below the neighbouring streets.

Last week the deaths of four persons were ascribed directly to intemperance, and that of one person to burns received in consequence of intoxication. One person died from exposure to cold; 8 children from want of breast-milk. The deaths of 7 children were caused by suffocation in bed; one died from drinking hot water. A boy, aged 3 years, died of "croup (6 days), tracheotomy (9 hours)." The son of a labourer, aged 3 years, died of "varicella (23 days), erysipelas." Two children, aged 3 years and 1 year, the daughters of a carpenter, died on 16th and 17th December respectively, at Deptford, of "influenza, bronchitis; convulsions," after two weeks' and three weeks' illness. Two children, aged 2 years and one year, the daughters of a cheesemonger, died on the 11th December, and at the same hour, of hooping-cough. On the 1st December, at Charles-place, Prince-of-Wales-road, Kentish-town, the wife of a labourer, aged 39 years, was "found dead from exhaustion caused by want of proper nourishment." An inquest and *post-mortem* examination were held. On 3d December in the same sub-district a butcher died of a wound inflicted by the horn of an ox.

Last week the births of 783 boys and 672 girls, in all 1455 children, were registered. The average number in six corresponding weeks of 1845–50 was 1365.

At the Royal Observatory, Greenwich, the mean daily reading of the barometer was above 30 in. on every day of the week, except Saturday. On Sunday it was 30·373 in., on Monday, 30·300 in., and it gradually declined till Saturday, when it was 29·940 in. The mean of the week was 30·158 in. The mean temperature of the week was 41·5°, which is near the average of corresponding weeks. The daily mean was 36 degrees on Thursday (or 4 degrees below the average); it rose on the two following days to 47 degrees and 49 degrees (or 7 and 9 degrees above the average). The wind was calm during the early part of the week, and in the south towards the end.

BIRTHS Registered LAST WEEK, and in the FIFTY-FIRST Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
TOTAL . . .	1206	1311	1319	1521	1353	1477	1365	1455
Males . . .	616	691	690	774	682	729	697	783
Females . .	590	620	629	747	671	748	668	672

DEATHS Registered LAST WEEK, and in the FIFTY-FIRST Week of Ten previous Years.

	Ages.	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
TOTAL . .		795	833	968	1393	961	1262	1946	1118	1043	1166	1148·5	1206*
Males . .		407	395	478	703	495	616	980	567	530	564	573·5	603
Females .		388	438	490	690	466	646	966	551	513	602	575·0	603
Deaths at three periods of life . .	0—15	349	379	492	644	467	505	818	579	476	570	527·9	573
	15—60	267	272	287	399	268	425	560	337	316	336	346·7	396
	60 & up.	178	179	172	349	226	332	567	200	250	259	271·2	233

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

* The return of deaths for St. George, Bloomsbury, was not received in time for insertion in the Tables. An average of 4, drawn from six preceding weeks, is taken instead, and in the Table of Diseases is placed to *Causes not specified*. The true number is now ascertained to be 6 for this sub-district.

BIRTHS and DEATHS Registered in LONDON in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Sept. 27.	Oct. 4.	Oct. 11.	Oct. 18.	Oct. 25.	Nov. 1.	Nov. 8.	Nov. 15.	Nov. 22.	Nov. 29.	Dec. 6.	Dec. 13.	Dec. 20.
BIRTHS	1484	1429	1415	1443	1673	1480	1480	1526	1381	1541	1528	1537	1455
DEATHS	958	1014	953	981	977	861	989	1022	1132	1279	1316	1194	1206
DEATHS (except from Violence) . . .	907	944	930	959	958	845	960	1001	1107	1250	1287	1153	1167
Deaths (except from Violence) at 60 years and upwards . .	179	199	171	182	171	167	197	205	239	274	300	266	226
Scarlatina	41	48	55	43	67	50	59	43	45	38	44	34	41
Typhus	46	61	60	67	79	60	58	58	62	50	61	62	50
Diarrhœa & Dysentery	94	66	54	43	34	36	34	30	22	31	28	22	19
Cholera	9	4	4	1	1	1	1	..	..	..	1	2	..
Mean Temperature .	54°·8	53°·2	54°·6	52°·8	54°·5	46°·3	40°·0	40°·2	35°·1	35°·8	38°·8	44°·8	41°·5

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851			
	○ 34·9	○ 43·9	○ 45·5	○ 36·4	○ 43·1	○ 29·2	○ 47·5	○ 37·5	○ 42·3	○ 38·6	Mean 39○·9	○ 41·5—Dec. 20.			
	Dec. 25 1841	Dec. 24 1842	Dec. 23 1843	Dec. 21 1844	Dec. 20 1845	Dec. 19 1846	Dec. 18 1847	Dec. 23 1848	Dec. 22 1849	Dec. 21 1850	Sum of 10 Weeks.	0	15	60	All Ages.
ALL CAUSES	795	833	968	1393	961	1262	1946	1118	1043	1166	11485	573	396	233	1206†
SPECIFIED CAUSES	783	826	950	1390	956	1255	1943	1116	1040	1166	11425	569	396	233	1198
1. Zymotic Diseases	141	158	192	259	196	171	634	331	197	231	2510	189	50	12	251
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	58	52	52	61	41	50	36	46	36	48	480	6	23	27	56
3. Tubercular Diseases	145	136	167	194	131	186	213	163	156	161	1652	61	138	5	204
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	100	116	103	164	126	152	145	113	131	149	1299	67	25	29	121
5. Diseases of the Heart and Blood-vessels	20	19	21	46	42	52	52	29	39	31	351	8	33	14	55
6. Diseases of the Lungs, and of the other Organs of Respiration	132	135	197	351	195	381	505	177	227	274	2574	131	55	66	252
7. Diseases of the Stomach, Liver, and other Organs of Digestion	45	47	64	57	55	65	54	57	50	59	553	14	26	11	51
8. Diseases of the Kidneys, &c.	5	10	6	4	10	10	15	14	10	13	97	2	11	2	15
9. Childbirth, Diseases of the Uterus, &c.	8	10	15	17	12	15	18	11	4	11	121	..	9	3	12
10. Rheumatism, Diseases of the Bones, Joints, &c.	5	10	4	7	5	6	14	10	11	6	78	7	4	2	13
11. Diseases of the Skin, Cellular Tissue, &c.	..	..	1	..	1	1	1	1	2	..	7	2	1	..	3
12. Malformations	..	2	2	2	7	1	5	2	2	3	26	2	..	..	2
13. Premature Birth & Debility	16	14	14	14	17	17	30	38	25	30	215	32	1	..	33
14. Atrophy	5	9	11	19	13	17	22	29	33	22	180	19	..	..	19
15. Age	68	70	55	125	59	76	110	39	45	51	698	..	..	52	52
16. Sudden	16	20	21	17	15	9	31	12	31	17	189	3	1	2	6
17. Violence, Privation, Cold, and Intemperance	19	18	25	53	31	46	58	44	41	60	395	26	19	8	53
1.—Small-pox	4	9	11	48	3	5	17	30	10	25	162	36	3	..	39
Measles	35	32	29	52	66	10	75	14	46	21	380	22	..	..	22
Scarlatina	10	33	49	42	21	19	36	110	29	30	379	38	3	..	41
Hooping Cough	46	31	39	31	43	39	36	42	22	52	381	25	..	..	25
Croup	12	7	15	15	7	8	10	7	8	10	99	17	..	..	17
Thrush	3	3	3	4	..	6	3	4	1	3	30	5	..	..	5
Diarrhœa	4	6	5	9	7	22	29	15	13	16	126	11	2	4	17
Dysentery	1	2	5	2	1	3	6	3	6	2	31	1	1	..	2
Cholera	..	..	..	2	..	1	..	31	1	1	36	..	..	..	..
Influenza	..	..	2	3	3	9	270	5	7	5	304	2	1	2	5
Purpura and Scurvy	..	..	..	1	1	..	2	..	..	..	4	..	..	..	..
Ague	..	..	..	1	1	..	1	..	1	..	4	..	1	..	1
Remittent Fever	..	..	1	1	1	2	2	3	2	2	14	3	..	..	3
Infantile Fever	*	*	*	*	*	*	*	..	2	..	2	2	..	..	2
Typhus	25	29	25	35	34	34	131	46	34	43	436	24	22	4	50
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	5	6	4	15	..	13	..	13
Rheumatic Fever	*	*	*	*	*	*	*	3	3	..	6	..	1	..	1
Erysipelas	1	6	6	11	5	9	10	12	2	11	73	2	3	2	7
Syphilis	..	..	2	2	3	4	3	1	2	4	21	1	..	..	1
Noma (or Canker)	*	*	*	*	..	..	3	..	2	2	7	..	..	..	..
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	3	1	6	3	3	4	3	5	1	4	33	..	2	..	2
Dropsy	38	34	29	46	18	19	11	18	12	14	239	3	6	18	27
Abscess	2	2	1	3	1	2	2	1	2	3	19	2	..	1	3
Ulcer	2	..	..	1	1	2	1	1	1	2	11	..	..	1	1
Fistula	..	..	..	..	..	..	..	..	1	2	3	..	1	1	2
Mortification	1	2	2	3	2	3	3	5	1	4	26	1	..	1	2
Cancer	10	11	14	5	14	19	16	14	17	17	137	..	14	3	17
Gout	2	2	..	..	2	1	..	2	1	2	12	..	..	2	2
3.—Scrofula	..	..	1	5	5	11	6	5	5	8	46	5	3	..	8
Tabes Mesenterica	5	5	8	7	20	9	26	12	10	16	118	13	..	..	13
Phthisis (or Consumption)	112	106	121	146	86	137	148	113	120	112	1201	12	133	5	150
Hydrocephalus	28	25	37	36	20	29	33	33	21	25	287	31	2	..	33

* See Note, page 406.

† See Note, page 403.

in the FIFTY-FIRST Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851 ○ 41·5—Dec. 20.			
	○ 34·9	○ 43·9	○ 45·5	○ 36·4	○ 43·1	○ 29·2	○ 47·5	○ 37·5	○ 42·3	○ 38·6	Mean 39○·9				
	Dec. 25 1841	Dec. 24 1842	Dec. 23 1843	Dec. 21 1844	Dec. 20 1845	Dec. 19 1846	Dec. 18 1847	Dec. 23 1848	Dec. 22 1849	Dec. 21 1850	Sum of 10 Weeks.	0	15	60	All Ages.
4.—Cephalitis	9	14	10	17	13	11	13	8	9	7	111	5	..	2	7
Apoplexy	21	19	17	25	33	32	26	36	41	34	284	3	4	13	20
Paralysis	16	14	20	28	23	25	28	18	21	19	212	1	8	12	21
Delirium Tremens	1	2	2	1	..	3	6	2	2	4	23	..	2	..	2
Chorea	..	..	..	1	..	..	..	..	..	..	1	..	..	..	..
Epilepsy	6	1	1	4	2	10	6	6	6	8	50	..	5	..	5
Tetanus	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
Insanity	1	1	1	3	5	3	5	..	4	1	24	..	1	..	1
Convulsions	38	51	43	74	39	55	46	34	37	55	472	49	..	1	50
Disease of Brain, &c.	8	14	8	11	11	13	15	9	11	21	121	9	5	1	15
5.—Pericarditis	..	..	2	5	2	..	3	..	4	1	17	1	2	..	3
Aneurism	..	2	..	..	2	2	4	3	1	1	15	..	2	..	2
Disease of Heart, &c.	20	17	19	41	38	50	45	26	34	29	319	7	29	14	50
6.—Laryngitis	..	2	..	2	4	3	9	..	4	6	30	4	1	..	5
Bronchitis	9	18	21	81	47	147	234	68	110	102	837	34	19	52	105
Pleurisy	1	1	2	6	7	3	8	1	2	4	35	1	4	..	5
Pneumonia	84	84	131	163	106	144	189	83	81	117	1182	90	15	5	110
Asthma	23	19	26	68	23	60	52	12	19	34	336	..	10	8	18
Disease of Lungs, &c.	15	11	17	31	8	24	13	13	11	11	154	2	6	1	9
7.—Teething	12	7	20	15	9	5	11	9	12	10	110	5	..	..	5
Quinsey	2	..	1	3	1	3	2	..	2	1	15	1	..	..	1
Gastritis }	14	18	21	..	..	2	2	3	3	..	119	..	2	..	2
Enteritis }				16	6	9	7	6	4	8		1	3	..	4
Peritonitis	..	3	1	2	7	6	5	2	4	6	36	2	6	..	8
Ascites	2	1	2	1	3	2	2	4	..	1	18	..	1	1	2
Ulceration (of Intestines)	1	1	1	1	4	..	1	3	1	2	15	1	1	..	2
Hernia	1	1	2	3	2	1	..	..	2	3	15	..	..	1	1
Ileus	2	2	2	..	2	2	3	3	2	4	22	..	..	1	1
Intussusception	..	..	..	..	..	2	..	..	3	..	5	..	1	..	1
Stricture of Intestinal Canal	..	3	..	1	1	..	..	1	1	..	7	..	1	..	1
Disease of Stomach, &c.	2	3	7	5	5	9	7	5	6	6	55	3	1	2	6
Disease of Pancreas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hepatitis	..	..	..	..	6	3	5	3	1	3	21	..	2	..	2
Jaundice	4	1	1	4	..	5	1	6	1	3	26	..	..	2	2
Disease of Liver	5	7	6	6	9	16	8	12	8	12	89	1	8	4	13
Disease of Spleen	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8.—Nephritis	..	..	1	1	2	..	1	..	..	2	7	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	7	2	2	11	1	5	..	6
Ischuria	..	..	1	..	..	..	..	..	..	1	2	..	..	..	..
Diabetes	..	..	..	..	1	..	..	2	..	..	3	..	1	1	2
Stone	..	..	..	..	..	2	..	..	..	1	3	..	..	..	..
Cystitis	2	1	..	..	..	..	..	2	3	2	10	..	..	..	..
Stricture of Urethra	1	3	1	1	1	..	1	1	1	2	12	..	..	1	1
Disease of Kidneys, &c.	2	6	3	2	6	8	13	2	4	3	49	1	5	..	6
9.—Paramenia	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..
Ovarian Dropsy	..	..	1	1	1	..	1	..	1	2	7	..	1	..	1
Childbirth (*see* Metria)	7	7	12	10	8	10	13	7	2	8	84	..	6	..	6
Disease of Uterus, &c.	1	3	2	6	2	5	4	4	1	1	29	..	2	3	5
10.—Arthritis	..	..	..	..	..	1	1	..	..	..	2	..	..	..	..
Rheumatism	1	8	1	4	3	2	5	8	5	3	40	2	2	2	6
Disease of Joints, &c.	4	2	3	3	2	3	8	2	6	3	36	5	2	..	7
11.—Carbuncle	..	..	1	..	..	..	..	..	1	..	2	..	..	..	..
Phlegmon	..	..	..	..	..	1	..	..	..	..	1	1	1	..	2
Disease of Skin, &c.	..	..	..	..	1	..	1	1	1	..	4	1	..	..	1
17.—Intemperance	..	1	1	2	2	1	3	2	3	2	17	..	3	1	4
Privation of Food	1	..	..	1	1	6	2	1	..	..	12	..	1	..	1
Want of Breast-milk	*	*	*	*	*	*	*	4	4	6	14	8	..	..	8
Neglect	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Cold	*	*	*	*	*	*	*	..	..	..	..	..	1	..	1
Poison	*	*	*	*	*	*	*	2	2	4	8	..	..	..	..
Burns and Scalds	*	*	*	*	*	*	*	6	8	11	25	7	1	4	12
Hanging and Suffocation	*	*	*	*	*	*	*	4	2	6	12	8	2	..	10
Drowning	*	*	*	*	*	*	*	9	4	2	15	..	2	..	2
Fractures	*	*	*	*	*	*	*	12	12	26	50	2	8	3	13
Wounds	*	*	*	*	*	*	*	1	3	1	5	1	1	..	2
Other Violence	*	*	*	*	*	*	*	3	3	2	8	..	..	..	..
All Violence	18	17	24	50	28	39	53	37	34	52	352	18	14	7	39
Causes not specified	12	7	18	3	5	7	3	2	3	..	60	4	..	..	8†

* See Note, page 406.

† See Note, page 403.

DEATHS Registered in the FIFTY-FIRST WEEK of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION† in		Mean Temperature for Week ending Saturday,											
			34°·9 Dec. 25	43°·9 Dec. 24	45°·5 Dec. 23	36°·4 Dec. 21	43°·1 Dec. 20	29°·2 Dec. 19	47°·5 Dec. 18	37°·5 Dec. 23	42°·3 Dec. 22	38°·6 Dec. 21	Mean 39°·9 Sum of 10 Weeks.	41°·5 Dec. 20
	1841	1851	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948417	2362236	795	833	968	1393	961	1262	1946	1118	1043	1166	11485	1206
1-6. WEST DISTRICTS .	301189	376427	101	128	126	194	131	189	273	173	149	156	1620	187
7-11. NORTH DISTRICTS .	376568	490396	139	144	185	262	173	241	415	245	206	219	2229	250
12-19. CENTRAL DISTRICTS	374247	393256	139	149	194	252	165	217	314	159	164	231	1984	210
20-25. EAST DISTRICTS .	393067	485522	193	205	224	303	209	279	371	253	223	247	2507	257
26-36. SOUTH DISTRICTS .	503346	616635	223	207	239	382	283	336	573	288	301	313	3145	302
1. Kensington . . . HL	74898	120004	26	24	27	46	35	49	57	58	48	43	413	55
2. Chelsea . . . . *W*H	40243	56538	12	25	20	29	20	39	52	27	14	28	266	23
3. St. George Hanover-sq. H	66657	73230	17	33	23	47	26	40	44	37	32	45	344	29
4. Westminster . HHPP	56802	65609	22	26	25	44	31	31	71	24	28	22	324	43
5. St. Martin-in-the-Flds. H	25132	24640	12	6	18	6	8	16	15	10	13	8	112	17
6. St. James Westminster .	37457	36406	12	14	13	22	11	14	34	17	14	10	161	20
7. Marylebone . . . H	138383	157696	64	56	76	95	56	79	156	92	72	98	844	92
8. Hampstead	140078	11986	*	*	*	*	*	*	11	4	5	6	26	7
9. Pancras . . . *W*HH		166956	52	49	66	104	72	102	139	86	80	63	813	84
10. Islington . . . HHP	55779	95329	14	19	31	39	31	35	73	39	26	36	343	44
11. Hackney . . . . H	42328	58429	9	20	12	24	14	25	36	24	23	16	203	23
12. St. Giles	54378	54214	15	25	36	37	17	28	61	22	16	41	293	33
13. Strand (wkh. in 9) . H	43667	44460	25	11	35	21	22	30	32	14	12	18	220	18
14. Holborn	44532	46571	11	13	16	31	14	22	47	26	20	26	226	28
15. Clerkenwell . . PP	56847	64778	18	28	23	48	27	35	47	20	25	23	294	35
16. St. Luke (wkh. in 20) L	49908	54055	18	21	16	24	35	29	26	21	22	35	247	26
17. East London . . . P	39718	44406	18	10	18	34	17	23	26	19	17	33	215	16
18. West London *W*HPPP	29188	28840	20	27	34	26	16	22	40	22	25	29	261	30
19. City of Lon. (wkh. in 25)	56009	55932	14	14	16	31	17	28	35	15	27	26	223	24
20. Shoreditch . . *W*L	83564	109257	38	57	58	68	52	65	94	46	52	61	591	58
21. Bethnal Green . . L	74206	90193	30	20	44	48	42	42	78	47	31	30	412	45
22. Whitechapel . . . H	71879	79759	36	54	39	69	28	53	78	45	50	34	486	40
23. St. George in the East .	41416	48376	27	17	27	39	22	32	43	20	25	34	286	31
24. Stepney . . . . H	90831	110775	47	46	38	55	47	58	54	67	40	55	507	61
25. Poplar . . . . *W*L	31171	47162	15	11	18	24	18	29	24	28	25	33	225	22
26. St. Saviour . . HH	33027	35731	30	23	31	29	16	27	43	19	19	19	256	16
27. St. Olave . . . HH	19869	19375	18	11	16	23	23	35	21	11	22	21	201	17
28. Bermondsey	35002	48128	23	17	30	23	12	35	36	27	38	20	261	27
29. St. Geo. Southwk. LPP	46718	51824	21	22	25	38	24	30	66	28	31	27	312	31
30. Newington . . . P	54693	64816	24	29	32	43	35	38	65	29	28	44	367	37
31. Lambeth	116072	139325	49	46	40	80	73	66	128	56	52	76	666	71
32. Wandsworth . . . L	39918	50764	*	*	*	27	16	21	32	13	26	26	161	22
33. Camberwell . . . LL	39931	54667	19	18	12	40	25	25	38	25	29	27	258	17
34. Rotherhithe	13940	17805	8	3	7	9	6	12	12	7	5	5	74	6
35. Greenwich . HHHP	81125	99365	31	38	46	70	53	47	112	61	35	41	534	46
36. Lewisham . . . *W*	23051	34835	*	*	*	*	*	*	20	12	16	7	55	12

† Seamen and others on board vessels in the docks and river are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

NOTE.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841-50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 11,485; which, divided by 10, gives nearly 1149 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 1149 divided by 10 is about 115, which added to 1149, makes the corrected average 1264. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 162 in 10 weeks; the average was 16; the corrected average 18. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831-41; 1·998 *per cent.* annually in the ten years, 1841-51; and 1·778 *per cent.* annually in the fifty years, 1801-51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841-50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5{\cdot}5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

	M.	F.	T.
WORKHOUSES, &c.			
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	2	2
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	.	.	.
2 Chelsea [North West]	1	1	2
2 *St. George Hanover Square [Chelsea N.W.]*	.	.	.
3 St. George Hanover Square [May Fair]	2	.	2
4 Westminster [St. Margaret]	2	2	4
5 St. Martin-in-the-Fields [Charing Cross]	1	1	2
6 St. James Westminster [Golden Square]	3	4	7
7 Marylebone [Rectory]	6	8	14
9 *Strand [Tottenham Court]*	.	.	.
9 Pancras [Camden Town]	2	1	3
10 Islington [West]	2	3	5
11 Hackney [Hackney]	.	.	.
12 St. Giles [South]	4	1	5
14 Holborn [St. Andrew East]	2	1	3
15 Clerkenwell [St. James]	1	2	3
17 East London [St. Botolph]	.	1	1
18 *East London [West London North]*	1	.	1
18 West London [North]	.	.	.
20 Shoreditch [Haggerstone West]	.	4	4
20 *St. Luke [Hoxton New Town]*	2	1	3
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	1	.	1
22 Whitechapel [North]	7	.	7
23 St. George-in-the-East [St. John]	4	3	7
24 Stepney [Shadwell]	.	.	.
24 Stepney [Ratcliff]	1	1	2
24 Stepney [Mile End Old Town Lower]	2	.	2
24 City of London [ditto]	1	3	4
24 Stepney [Limehouse]	.	.	.
25 *London City [Bow]*	.	1	1
25 Poplar [Poplar]	1	.	1
26 St. Saviour [Christchurch]	.	2	2
27 St. Olave [St. John Horselydown]	1	1	2
28 Bermondsey [St. Mary Magdalen]	1	3	4
29 St. George Southwark [Borough Road]	2	3	5
30 Newington [St. Peter Walworth]	.	3	3
31 Lambeth [Lambeth Church 2d]	1	2	3
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	.	1	1
33 Camberwell [Camberwell]	.	.	.
34 Rotherhithe	1	1	2
35 Greenwich [East]	1	2	3
36 Lewisham [Village]	1	.	1
36 *St. George Southwark, for Children [Lewisham Village]*	.	.	.
Total	54	58	112
HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	4	.	4
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	1	.	1
2 Royal Military Asylum Chelsea [South] Boys	.	.	.
Total	5	.	5
General Hospitals:—			
3 St. George [Belgrave]	3	.	3
4 Westminster [St. Margaret]	.	1	1
5 Charing Cross [Charing Cross]	3	1	4
7 Middlesex [All Souls]	1	.	1
9 University College [Tottenham Court]	5	3	8
9 Royal Free Hospital [Gray's-inn-lane]	.	1	1
13 King's College [St. Clement Danes]	.	.	.
18 St. Bartholomew [West London North]	12	4	16
22 London [Whitechapel Church]	1	2	3
27 Guy's [St. Olave and St. Saviour]	6	2	8
27 St. Thomas [St. Olave and St. Saviour]	1	1	2
Total	32	15	47
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	2	1	3
10 Fever [Islington West]	1	2	3
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	2	.	2
Total	5	3	8

	M.	F.	T.
HOSPITALS — *continued.*			
Lying-in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	1	1
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	.	.	.
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	.	1	1
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea North-east]	.	.	.
11 Northumb. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	1	.	1
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	1	1	2
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	1	.	1
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	1	1	2
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	1	1
Total	4	3	7
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	1	.	1
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	3	.	3
Total	4	.	4
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	1	1	2
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	1	1	2
PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	.	.
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	.	.
Workhouses	54	58	112
Military and Naval Asylums	5	.	5
General Hospitals	32	15	47
Hospitals for Special Diseases	5	3	8
Lying-in Hospitals	.	1	1
Lunatic Asylums	4	3	7
Military and Naval Hospitals	4	.	4
Hospitals and Asylums for Foreigners	1	1	2
Prisons	.	.	.
Total in Public Institutions	105	81	186

METEOROLOGICAL OBSERVATIONS taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 20th December 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. Highest.	Dry. Lowest.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Greatest.	Least.	Difference between the mean temperature of the day and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Greatest.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
DECEMBER.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
SUNDAY . .	14	..	30·372	42·4	38·4	39·4	37·4	43·0	36·0	43·5	40·6	2·0	2·3	0·0	—1·9	Calm	Calm	0·0	0·0	0·0	40	0·00
MONDAY. .	15	Last Quarter.	30·300	39·4	34·7	35·7	32·1	40·0	37·0	43·0	40·5	3·6	5·0	2·6	—5·4	Calm	Calm	0·0	0·0	0·0	20	0·00
TUESDAY .	16	Perigee	30·247	44·4	36·9	41·5	36·7	45·0	35·5	43·2	40·5	4·8	6·4	4·3	+0·6	Calm	Calm	0·0	0·0	0·0	15	0·00
WEDNESDAY	17	In Equator.	30·171	45·6	39·7	42·2	36·7	47·0	37·0	43·2	40·2	5·5	6·9	4·3	+1·5	Calm	S.E.	0·0	0·0	0·0	35	0·00
THURSDAY.	18	..	30·061	40·3	32·8	36·0	32·6	44·0	34·0	43·2	40·5	3·4	5·0	2·5	—4·3	S.E.	S.	0·0	0·0	0·0	90	0·00
FRIDAY . .	19	..	30·015	53·1	38·7	46·8	40·6	59·0	35·0	43·5	40·8	6·2	11·2	3·5	+6·8	S.W.	S.	0·0	0·0	0·0	160	0·00
SATURDAY.	20	..	29·940	52·4	46·9	49·0	44·6	53·0	38·5	44·4	41·5	4·4	6·3	3·5	+9·4	S.	S.W.	0·0	0·0	0·0	70	0·05
MEANS . .		..	30·158	45·4	38·3	41·5	37·2	47·3	36·1	43·4	40·7	4·3	6·2	3·0	+1·0	..		..	..	..	Sum 430	Sum 0·05
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

SUNDAY . .	Nothing was shown at any examination.
MONDAY . .	Nothing was shown throughout the day.
TUESDAY . .	Positive, and tension moderate during the afternoon.
WEDNESDAY	Positive, and tension moderate throughout the day.
THURSDAY .	Positive, and tension moderate during the morning and afternoon.
FRIDAY . .	Nothing was shown throughout the day.
SATURDAY .	

GENERAL REMARKS.

The sky was overcast throughout the day; thick fog.

The sky was overcast throughout the day; cirrostratus.

The sky was overcast throughout the day; cirrostratus.

The sky was overcast throughout the day; cirrostratus.

The sky was overcast throughout the day; cirrostratus.

The sky was generally covered with cloud till 7h. A.M., soon after this time the clouds became broken, and by 9h. 30m. A.M. the sky was clear, and it remained in this state till 1h. 30m. P.M. During the remainder of the day the sky, with slight exceptions, was overcast. Thick rain fell during the evening.

The sky was generally overcast throughout the day; cirrostratus. Thick rain fell frequently.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R. S.'s flint-glass standard bar. Obs. taken at 9 h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4,7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, — *lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 42·8°; and the mean reading at 9h. P.M. was 43·7°; the mean readings at the Royal Observatory for the same times were 40·7° and 42·3° respectively.

The reading of the barometer increased from 30·31 in. at the beginning of the week to 30·39 in. by 10h. A.M. on the 14th, and decreased to 29·89 in. by the end of the week; every successive reading after 14th at 10h. A.M. being less than the preceding.

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WEEKLY RETURN

OF

BIRTHS AND DEATHS IN LONDON.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

1851. Vol. XII.] Week ending Saturday, December 27. [No. 52.

HEALTH OF LONDON DURING THE WEEK.

The deaths registered in the metropolitan districts have declined from 1206, the number returned in the preceding week, to 1040 in the week which ended last Saturday. In the ten corresponding weeks of 1841–50 the deaths ranged from 910 in the year 1845 to 1403 in the year 1848, and the average was 1137. If this average be corrected in proportion to the greater amount of population now existing, it becomes 1251, compared with which the mortality of last week shows a decrease of 211.

It appears from a comparison of the results obtained in the present return with those of the previous week, that the mortality from nearly all classes of disease is diminished. Zymotic diseases, which in the week ending December 20th produced 251 deaths, reduced their number last week to 203; diseases of the respiratory organs declined from 252 to 219; tubercular diseases from 204 to 140; diseases of the organs of circulation from 55 to 37; diseases of the kidneys from 15 to 10. Diseases of the digestive organs have raised the number of fatal cases from 51 to 61 within the two weeks.

The mortality from phthisis or consumption has fallen from 150 in the previous week to 98 in the last. This latter number is lower than usual, for in corresponding weeks of 1841–50 it ranged from 102 to 160. Amongst the complaints which form the class of "diseases of the respiratory organs," the deaths of last week are distributed as follows:—90 were caused by bronchitis, 96 by pneumonia, 17 by asthma, 7 by pleurisy, one by laryngitis, 8 by diseases not described in specific terms.

The present return shows that in the zymotic or epidemic class small-pox was fatal to 23 children and 6 adults, measles to 8 children and 2 persons of 15 years or upwards, scarlatina to 36 children, hooping-cough to 31, croup to 5, thrush to one, remittent fever to one, infantile fever to one, diarrhœa and dysentery to 21 persons, influenza to 2, purpura to one, typhus carried off 42 persons, puerperal fever 7 women (besides another case of death after childbirth), and erysipelas 9 persons. Two deaths were caused by syphilis, and 5 by noma or cancrum oris.

Of the 29 persons who died of small-pox it is stated that 3 had been vaccinated, 19 had not been vaccinated; and in 7 cases the fact is not mentioned.

At 6 Windsor-street, Bishopsgate, the son of a labourer, aged 18 months, died of "variola (2 weeks)." Mr. Spencer states that "the house contained 16 families numbering 83 persons at the time of taking the census. The mother of deceased affirmed that the child had been vaccinated, but without effect. There are several other children in the house who have been attacked with the disease, but are

recovering." In Mile-end Old Town Lower, at 3 Shipwright's-buildings, on 21st December, the daughter of a carman, aged one month, died of small-pox; and on 23d December in the same house the son of a domestic servant, aged one year, died of "suppressed variola (3 days), without vaccination." The latter child caught the infection from the former. In Deptford, at 9 Rolt-street, the son of a labourer, aged 3 weeks, died of "small-pox, not vaccinated." The mother was suffering from small-pox when this child was born, but has recovered.

The following cases occurred at the Small-pox Hospital:—

On 20th December a female tramp from Drury-lane, aged 10 years, died of "small-pox, confluent, modified, pneumonia (15 days); vaccinated in infancy at Frankfort; two good cicatrices." This child had run away from her parents several times, and just before her last illness had been from home for more than a fortnight, crouching at night in doorways and passages about Drury-lane.

On 20th December a turner and gilder, aged 32 years, from Brandon-street, Newington, "small-pox, confluent, unmodified (14 days); vaccinated when young; one indifferent cicatrix."

On 21st December an engineer from Portland-place, New Kent Road, aged 16 years, "small-pox, confluent, unprotected (15 days)."

On 25th December a waggoner from William-street Cottages, Camden Town, aged 21 years, "small-pox, confluent, unprotected (16 days)."

In the sub-district of St. John, Marylebone, at 5 Lower William-street, on 23d December, the daughter of a sailor, aged 5 years, died of "scarlet fever (22 days), abscesses in the neck (7 days)." Mr. Bachhoffner observes that "this is the second fatal case of scarlet fever occurring in this family within seven days. The mother of the children is a laundress, and the wet clothes are dried in the room in which they lived. In the opinion of the gentleman who attended them, the air of the rooms is unfavourable to the health of the inmates."

In St. Andrew Eastern (Holborn) at 29, Lucy's-buildings, Vine-street, on 26th December, a carman, aged 70 years, died of "typhus (3 weeks)." Mr. Holmes mentions that "Lucy's-buildings are very close, thickly inhabited by working people, and the greater part built over the old sewer. The inhabitants are very poor. There is a public pump, but the supply of water scanty."

In Brompton, at 6 Sloane-place, on 23d December, the son of a wine-porter, aged one year, died of "inflammation of the lungs." Mr. Stone reports that "the informant complained much to him of bad smells arising from a cowshed and pigs being kept in the immediate neighbourhood. The existence of this nuisance was reported during the prevalence of cholera in 1849."

Mr. Clark, the Registrar of Peckham, says: "Although the recent returns for the metropolis show a considerable increase of mortality above the average, it deserves notice that in my sub-district, during the last five weeks, there has been a decrease of one death per week on the numbers of the five corresponding weeks of the previous year."

A few special cases registered last week may be recorded here:—A bird-stuffer, aged 48 years, was poisoned by arsenic (*post mort.*). The deceased had placed some arsenic on bread and butter to poison mice, and afterwards ate the bread himself, whether intentionally or by mistake is not known. On the 22d December the son of a cheesemonger, aged 18 years, died from "rupture of the appendix vermiformis cæci, from the lodgment of an orange-pip (5 days), *post mort.*" In Bethnal-green, at 7 New-street, Turk-street, on 26th September, the son of a bricklayer's labourer, aged 11 weeks, died of "fits brought on by inflammation of the bowels and divers parts of the body, accelerated by want of proper medical treatment (*Inquest*)." A commission agent, aged 26 years, died of "exhaustion from fasting (*Inquest*)." He was a Jew, and was engaged in the observance of one of the fasts that belong to his religion. A chemist, aged 24 years, was accidentally suffocated by inhaling a large quantity of ether.

Last week the births of 660 boys and 615 girls, in all 1275 children, were registered. In six corresponding weeks of 1845–50 the average number was 1252.

At the Royal Observatory, Greenwich, the mean reading of the barometer in the week was 30·024 in.; the mean daily reading was 29·556 in. on Sunday, declined to 29·490 in. on Monday, and on each of the remaining days of the week was above 30 in. The mean temperature of the week was 38·7°. On Sunday the mean daily temperature was 46·5°, or 7 degrees above the average of corresponding days in ten years; it fell continuously, till on Saturday it was 32·1°, or nearly 6 degrees below the average. The wind was in the south at the beginning of the week, but on Tuesday changed to the north.

Births Registered last Week, and in the Fifty-second Week of Six previous Years.

	1845	1846	1847	1848	1849	1850	Average of 6 Weeks.	1851
Total. . . .	1069	1192	1197	1458	1226	1370	1252	1275
Males . . .	552	582	584	733	618	658	621	660
Females . .	517	610	613	725	608	712	631	615

Deaths Registered last Week, and in the Fifty-second Week of Ten previous Years.

	Ages.	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	Average of 10 Weeks.	1851
Total. . .		1037	1004	1007	1249	910	1268	1247	1403	1053	1196	1137·4	1040*
Males . .		523	523	516	623	469	612	620	709	540	577	571·2	526
Females .		514	481	491	626	441	656	627	694	513	619	566·2	514
Deaths at three periods of life . .	0—15	458	447	472	529	455	466	574	689	442	512	504·4	481
	15—60	338	371	323	423	276	423	391	460	362	423	379·0	334
	60 & up.	239	179	196	297	179	378	281	253	244	232	247·8	214

In some weeks the ages of one or two persons are not ascertained: hence arises occasional discrepancy between the total deaths and the sum of deaths at particular ages.

* The return of deaths from the sub-district of St. Mary, Marylebone, was not received in time for insertion in the Tables. An average of 11, derived from six previous weeks, is substituted, and in the Table of Diseases is placed to *Causes not specified*. The true number is now ascertained to be 8.

Births and Deaths Registered in London in the last Thirteen Weeks, with the *Mean Temperature* for the same periods.

	Oct. 4.	Oct. 11.	Oct. 18.	Oct. 25.	Nov. 1.	Nov. 8.	Nov. 15.	Nov. 22.	Nov. 29.	Dec. 6.	Dec. 13.	Dec. 20.	Dec. 27.
Births	1429	1415	1443	1673	1480	1480	1526	1381	1541	1528	1537	1455	1275
Deaths	1014	953	981	977	861	989	1022	1132	1279	1316	1194	1206	1040
Deaths (except from Violence) . . .	944	930	959	958	845	960	1001	1107	1250	1287	1153	1167	984
Deaths (except from Violence) at 60 years and upwards . .	199	171	182	171	167	197	205	239	274	300	266	226	207
Scarlatina	48	55	43	67	50	59	43	45	38	44	34	41	36
Typhus	61	60	67	79	60	58	58	62	50	61	62	50	42
Diarrhœa & Dysentery	66	54	43	34	36	34	30	22	31	28	22	19	21
Cholera	4	4	1	1	1	1	..	..	..	1	2	..	..
Mean Temperature .	53°·2	54°·6	52°·8	54°·5	46°·3	40°·0	40°·2	35°·1	35°·8	38°·8	44°·8	41°·5	38°·7

DEATHS in LONDON, from ALL CAUSES, Registered

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851			
	36°·1 Jan. 1 1842	38°·4 Dec. 31 1842	44°·1 Dec. 30 1843	32°·9 Dec. 28 1844	39°·3 Dec. 27 1845	36°·0 Dec. 26 1846	36°·4 Dec. 25 1847	41°·2 Dec. 30 1848	33°·1 Dec. 29 1849	38°·3 Dec. 28 1850	Mean 37°·6 Sum of 10 Weeks.	38°·7—Dec. 27. 0	15	60	All Ages.
ALL CAUSES	1037	1004	1007	1249	910	1268	1247	1403	1053	1196	11374	481	334	214	1040†
SPECIFIED CAUSES	1022	980	987	1237	907	1263	1247	1398	1048	1164	11253	479	332	214	1025
1. Zymotic Diseases	195	176	196	224	207	150	390	368	176	232	2314	139	43	21	203
SPORADIC DISEASES:—															
2. Dropsy, Cancer, and other Diseases of uncertain or variable seat	66	60	57	43	33	46	38	57	58	42	500	5	22	18	45
3. Tubercular Diseases	169	194	146	197	145	160	166	199	152	173	1701	46	91	3	140
4. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	123	111	131	154	94	156	97	165	135	98	1264	59	30	25	114
5. Diseases of the Heart and Blood-vessels	30	36	24	39	29	63	24	47	40	56	388	2	23	12	37
6. Diseases of the Lungs, and of the other Organs of Respiration	165	152	168	247	192	386	273	223	185	264	2255	110	48	61	219
7. Diseases of the Stomach, Liver, and other Organs of Digestion	63	58	67	82	65	80	46	71	43	64	639	23	19	19	61
8. Diseases of the Kidneys, &c.	6	12	9	11	16	13	11	13	15	14	120	..	5	5	10
9. Childbirth, Diseases of the Uterus, &c.	14	11	13	17	10	22	14	15	17	10	143	..	6	..	6
10. Rheumatism, Diseases of the Bones, Joints, &c.	3	8	3	10	7	11	5	7	2	13	69	2	4	2	8
11. Diseases of the Skin, Cellular Tissue, &c.	1	1	..	..	1	7	1	1	2	2	16	2	1	..	3
12. Malformations	..	..	6	2	4	4	1	1	4	6	28	4	..	..	4
13. Premature Birth & Debility	33	12	20	23	23	20	26	20	25	32	234	25	1	..	26
14. Atrophy	3	5	9	17	11	21	25	24	21	18	154	27	3	..	30
15. Age	82	55	73	90	47	70	59	59	51	45	631	..	..	39	39
16. Sudden	28	40	19	30	11	14	16	37	45	25	265	8	4	2	14
17. Violence, Privation, Cold, and Intemperance	41	49	46	51	12	40	55	91	77	70	532	27	32	7	66
1.—Small-pox	3	4	16	50	8	2	18	35	7	30	173	23	6	..	29
Measles	45	45	27	29	74	12	37	17	42	20	348	8	2	..	10
Scarlatina	12	35	54	39	13	13	41	94	25	22	348	36	..	..	36
Hooping Cough	76	31	32	34	58	35	28	55	24	61	434	31	..	..	31
Croup	17	8	12	14	5	4	8	7	11	7	93	5	..	..	5
Thrush	2	6	3	3	2	3	2	4	1	4	30	1	..	..	1
Diarrhœa	4	3	4	9	8	17	10	30	9	31	125	10	2	7	19
Dysentery	3	3	4	..	2	1	4	2	2	1	22	..	1	1	2
Cholera	..	2	..	1	..	..	1	30	..	..	34	..	..	..	..
Influenza	1	3	4	1	1	11	142	3	8	5	179	..	..	2	2
Purpura and Scurvy	1	..	..	1	1	..	1	2	..	..	6	..	1	..	1
Ague	..	..	2	2	..	..	1	1	..	1	7	..	..	..	..
Remittent Fever	..	1	..	1	..	1	2	2	..	4	11	1	..	..	1
Infantile Fever	*	*	*	*	*	*	*	..	1	..	1	1	..	..	1
Typhus	22	29	33	33	28	43	83	71	31	32	405	15	19	8	42
Metria (or Puerperal Fever)	*	*	*	*	*	*	*	4	3	4	11	..	7	..	7
Rheumatic Fever	*	*	*	*	*	*	*	2	2	..	4	..	..	..	..
Erysipelas	9	6	5	4	7	7	12	8	9	8	75	3	4	2	9
Syphilis	..	..	..	3	..	1	..	1	1	2	8	1	1	..	2
Noma (or Canker)	*	*	*	*	..	..	..	..	..	..	..	4	..	1	5
Hydrophobia	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2.—Hæmorrhage	5	7	4	5	1	7	2	4	7	4	46	..	4	1	5
Dropsy	37	33	35	27	16	21	7	20	19	11	226	2	7	9	18
Abscess	6	2	4	..	..	..	2	2	2	..	18	2	..	..	2
Ulcer	3	1	..	..	..	..	3	3	1	1	12	..	..	..	..
Fistula	..	..	..	..	..	..	1	..	1	..	2	..	..	..	..
Mortification	6	4	8	3	..	3	2	6	3	4	39	..	1	1	2
Cancer	9	11	6	7	16	14	21	22	23	21	150	1	10	7	18
Gout	..	2	..	1	..	1	..	..	2	1	7	..	..	..	..
3.—Scrofula	4	3	2	3	3	4	9	10	6	6	50	5	1	..	6
Tabes Mesenterica	2	7	7	8	4	14	18	15	7	14	96	9	1	..	10
Phthisis (or Consumption)	128	158	111	160	102	116	111	144	115	124	1269	6	89	3	98
Hydrocephalus	35	26	26	26	36	26	28	30	24	29	286	26	..	..	26

* See Note, page 414.

† See Note, page 411.

in the FIFTY-SECOND Week of the following Years.

CAUSES OF DEATH.	Mean Temperature for the Week ending Saturday,											1851			
	° 36·1 Jan. 1 1842	° 38·4 Dec. 31 1842	° 44·1 Dec. 30 1843	° 32·9 Dec. 28 1844	° 39·3 Dec. 27 1845	° 36·0 Dec. 26 1846	° 36·4 Dec. 25 1847	° 41·2 Dec. 30 1848	° 33·1 Dec. 29 1849	° 38·3 Dec. 28 1850	Mean 37°·6 Sum of 10 Weeks.	° 38·7—Dec. 27. 0	15	60	All Ages.
4.—Cephalitis	14	9	12	16	6	14	8	9	5	11	104	5	2	1	8
Apoplexy	21	12	25	30	12	47	14	46	44	23	274	1	10	11	22
Paralysis	20	16	17	25	15	28	17	24	21	13	196	..	7	11	18
Delirium Tremens	3	..	..	..	5	4	3	4	2	4	25	..	..	..	..
Chorea	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
Epilepsy	6	11	3	3	2	7	5	4	5	4	50	1	3	..	4
Tetanus	..	..	..	..	..	..	1	..	..	..	1	1	1	..	2
Insanity	..	..	..	1	..	3	3	1	2	1	11	..	..	1	1
Convulsions	53	52	61	68	42	44	31	61	42	26	480	46	..	..	46
Disease of Brain, &c.	6	11	12	11	12	9	15	16	14	16	122	5	7	1	13
5.—Pericarditis	..	1	1	2	1	2	1	5	4	7	24	..	2	..	2
Aneurism	..	..	..	1	3	1	1	..	..	1	7	..	1	..	1
Disease of Heart, &c.	30	35	23	36	25	60	22	42	36	48	357	2	20	12	34
6.—Laryngitis	..	..	..	2	1	4	10	2	1	2	22	1	..	..	1
Bronchitis	20	20	24	40	59	154	107	80	78	120	702	29	20	41	90
Pleurisy	3	3	..	1	6	4	2	4	..	3	26	..	7	..	7
Pneumonia	92	83	99	120	98	146	131	120	69	90	1048	79	12	5	96
Asthma	40	24	32	62	20	53	14	9	29	33	316	..	7	10	17
Disease of Lungs, &c.	10	22	13	22	8	25	9	8	8	16	141	1	2	5	8
7.—Teething	20	15	14	22	13	11	7	9	5	12	128	10	..	..	10
Quinsey	..	2	4	1	..	1	2	1	1	3	15	2	1	..	3
Gastritis }	15	16	18	5	..	4	2	4	2	5	120	..	1	..	1
Enteritis }				12	10	5	5	6	3	8		5	2	1	8
Peritonitis	1	2	..	5	2	2	1	7	3	6	29	2	4	2	8
Ascites	3	..	2	1	6	3	2	2	2	2	23	..	1	2	3
Ulceration (of Intestines)	1	2	6	4	6	4	2	4	1	..	30	..	1	..	1
Hernia	3	4	2	2	2	9	1	3	4	4	34	..	1	2	3
Ileus	3	3	2	8	1	4	3	2	2	4	32	1	3	..	4
Intussusception	1	..	1	1	..	3	..	..	2	1	9	..	..	..	..
Stricture of Intestinal Canal	1	..	1	1	2	2	1	..	..	..	8	..	..	..	..
Disease of Stomach, &c.	3	6	8	9	6	9	2	8	6	6	63	2	..	5	7
Disease of Pancreas	..	..	..	..	1	1	1	..	..	..	3	..	..	..	..
Hepatitis	1	1	4	1	2	4	3	1	1	2	20	..	..	..	..
Jaundice	2	1	2	3	2	2	2	2	1	2	19	..	..	1	1
Disease of Liver	9	6	3	7	11	15	11	21	10	9	102	1	5	6	12
Disease of Spleen	..	..	..	..	1	1	1	1	..	..	4	..	..	..	..
8.—Nephritis	..	..	1	..	2	..	1	..	1	..	5	..	..	..	..
Nephria (or Bright's Disease)	*	*	*	*	*	*	*	3	3	4	10	..	3	1	4
Ischuria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diabetes	1	..	..	2	1	2	1	2	2	3	14	..	..	..	..
Stone	..	1	..	2	1	..	..	1	2	..	7	..	..	1	1
Cystitis	..	..	..	..	..	2	1	..	1	..	4	..	..	1	1
Stricture of Urethra	1	..	2	2	1	..	..	..	1	..	7	..	1	..	1
Disease of Kidneys, &c.	4	11	6	5	11	9	8	7	5	7	73	..	1	2	3
9.—Paramenia	..	..	1	..	1	..	1	1	..	1	5	..	..	..	..
Ovarian Dropsy	1	..	..	1	..	..	..	..	..	..	2	..	2	..	2
Childbirth (*see* Metria)	9	9	9	13	7	17	12	10	11	6	103	..	1	..	1
Disease of Uterus, &c.	4	2	3	3	2	5	1	4	6	3	33	..	3	..	3
10.—Arthritis	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..
Rheumatism	1	5	1	3	4	6	2	6	1	9	38	1	1	2	4
Disease of Joints, &c.	2	3	2	7	3	4	3	1	1	4	30	1	3	..	4
11.—Carbuncle	..	..	..	..	..	..	1	..	..	..	1	..	1	..	1
Phlegmon	1	..	..	..	..	2	..	1	..	..	4	1	..	..	1
Disease of Skin, &c.	..	1	..	..	1	5	..	..	2	2	11	1	..	..	1
17.—Intemperance	..	3	..	..	..	..	1	3	5	2	14	..	1	..	1
Privation of Food	2	..	..	2	..	..	1	3	3	3	14	..	1	..	1
Want of Breast-milk	*	*	*	*	*	*	*	3	4	11	18	7	..	..	7
Neglect	*	*	*	*	*	*	*	..	..	2	2	..	1	..	1
Cold	*	*	*	*	*	*	*	..	..	..	..	..	..	..	..
Poison	*	*	*	*	*	*	*	2	4	3	9	..	1	1	2
Burns and Scalds	*	*	*	*	*	*	*	15	14	8	37	13	1	2	16
Hanging and Suffocation	*	*	*	*	*	*	*	6	11	10	27	2	3	..	5
Drowning	*	*	*	*	*	*	*	15	13	12	40	..	..	..	..
Fractures	*	*	*	*	*	*	*	39	15	14	68	5	17	4	26
Wounds	*	*	*	*	*	*	*	..	4	4	8	..	6	..	6
Other Violence	*	*	*	*	*	*	*	5	4	1	10	..	1	..	1
All Violence	39	46	46	49	12	40	53	82	65	52	484	20	29	7	56
Causes not specified	15	24	20	12	3	5	..	5	5	32	121	2	2	..	15†

* See Note, page 414.

† See Note, page 411.

Deaths Registered in the Fifty-second Week of each of the following Years, with the Mean Temperature for the same periods.

DISTRICTS.	POPULATION† in		Mean Temperature for the Week ending Saturday,											
			36°·1 Jan. 1	38°·4 Dec. 31	44°·1 Dec. 30	32°·9 Dec. 28	39°·3 Dec. 27	36°·0 Dec. 26	36°·4 Dec. 25	41°·2 Dec. 30	33°·1 Dec. 29	38°·3 Dec. 28	Mean 37°·6 Sum of 10 Weeks.	38°·7 Dec. 27
	1841	1851	1842	1842	1843	1844	1845	1846	1847	1848	1849	1850		1851
LONDON	1948417	2362236	1037	1004	1007	1249	910	1268	1247	1403	1053	1196	11374	1040
1–6. West Districts .	301189	376427	162	129	124	170	127	178	188	200	155	178	1611	133
7–11. North Districts .	376568	490396	194	190	184	234	168	212	260	250	186	238	2116	188
12–19. Central Districts	374247	393256	207	194	225	224	155	237	195	229	206	206	2078	147
20–25. East Districts .	393067	485522	226	222	232	250	205	268	240	311	239	263	2456	303
26–36. South Districts .	503346	616635	248	269	242	371	255	373	364	413	267	311	3113	269
1. Kensington . . . HL	74898	120004	41	26	26	42	33	41	51	49	37	53	399	29
2. Chelsea . . . . *W*H	40243	56538	22	17	18	32	20	26	49	27	21	30	262	23
3. St. George Hanover-sq. H	66657	73230	40	28	18	29	23	30	33	46	23	31	301	23
4. Westminster. . HHPP	56802	65609	36	29	24	38	34	40	30	44	32	43	350	40
5. St. Martin-in-the-Flds. H	25132	24640	6	13	18	12	5	19	14	21	23	11	142	7
6. St. James Westminster .	37457	36406	17	16	20	17	12	22	11	13	19	10	157	11
7. Marylebone . . . H	138383	157696	91	80	65	85	63	79	87	82	66	101	799	65
8. Hampstead . . . . }	140078	11986	*	*	*	*	*	*	9	1	4	5	19	5
9. Pancras . . . *W*HH }		166956	65	68	77	95	48	72	97	90	70	61	743	57
10. Islington . . . HHP	55779	95329	24	19	31	38	37	37	40	54	27	45	352	38
11. Hackney . . . . H	42328	58429	14	23	11	16	20	24	27	23	19	26	203	23
12. St. Giles	54378	54214	40	30	32	43	21	38	28	30	36	20	318	24
13. Strand (wkh. in 9) . H	43667	44460	17	19	22	24	9	22	15	22	13	21	184	17
14. Holborn	44532	46571	24	23	23	24	16	19	28	16	21	36	230	19
15. Clerkenwell . . PP	56847	64778	31	29	32	34	23	35	31	38	27	38	318	18
16. St. Luke (wkh. in 20) L	49908	54055	19	21	31	34	25	36	31	28	36	20	281	19
17. East London . . . P	39718	44406	23	14	23	17	17	20	15	35	30	21	215	19
18. West London *W*HPPP	29188	28840	26	31	43	26	24	42	25	33	19	24	293	18
19. City of Lon. (wkh. in 25)	56009	55932	27	27	19	22	20	25	22	27	24	26	239	13
20. Shoreditch . . *W*L	83564	109257	47	58	42	59	44	65	47	63	56	69	550	64
21. Bethnal Green . . L	74206	90193	40	34	48	63	34	46	38	56	42	27	428	27
22. Whitechapel . . . H	71879	79759	44	38	45	38	48	51	70	80	39	45	498	86
23. St. George-in-the-East .	41416	48376	25	32	30	26	21	21	27	24	23	26	255	37
24. Stepney . . . . H	90831	110775	50	44	51	41	44	67	39	68	52	64	520	65
25. Poplar. . . . *W*L	31171	47162	20	16	16	23	14	18	19	20	27	32	205	24
26. St. Saviour . . HH	33027	35731	23	22	12	21	15	16	24	26	17	26	202	22
27. St. Olave . . . HH	19869	19375	31	13	37	22	14	24	35	48	23	26	273	16
28. Bermondsey	35002	48128	26	13	20	22	13	24	21	37	26	26	228	28
29. St. Geo. Southwk. LPP	46718	51824	23	26	20	31	34	38	32	40	26	32	302	23
30. Newington . . . P	54693	64816	22	24	29	41	24	39	37	38	23	41	318	26
31. Lambeth	116072	139325	50	53	64	78	51	71	66	70	54	64	621	66
32. Wandsworth . . . L	39918	50764	*	*	*	31	26	28	22	27	18	19	171	19
33. Camberwell . . . LL	39931	54667	16	14	11	32	31	25	31	35	24	33	252	18
34. Rotherhithe	13940	17805	10	3	19	5	6	10	6	8	11	4	82	3
35. Greenwich . HHHP	81125	99365	47	101	30	88	41	98	77	67	33	34	616	36
36. Lewisham. . . . *W*	23051	34835	*	*	*	*	*	*	13	17	12	6	48	12

† Seamen and others on board vessels in the docks and river are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

Note.—The letters placed against names of districts denote public institutions now within their limits, namely H for hospital; L, lunatic asylum; P, prison; *W* indicates a workhouse not belonging to the district, though situated therein.

An average of ten weeks (1841–50) is obtained by putting the decimal point before the unit place of the sum of any district, except those for which the weekly numbers during the whole period of ten years are not complete. Thus the sum of deaths in ten weeks is 11374; which divided by 10 gives nearly 1137 for the weekly average. This average is corrected for increase of population, and thus rendered comparable with the deaths of 1851, by adding to it a tenth part; thus, 1137 divided by 10 is about 114, which added to 1137, makes the corrected average 1251. The corrected average for small-pox, or other diseases, except those marked by asterisks as having undergone changes in the classification, may be obtained in the same manner. The deaths from small-pox were 173 in 10 weeks; the average was 17; the corrected average 19. London increased at the rate of 1·551 *per cent.* annually in the ten years, June 1831–41; 1·998 *per cent.* annually in the ten years, 1841–51; and 1·778 *per cent.* annually in the fifty years, 1801–51. The last number may be taken to express the existing rate of increase; and as the interval from the middle of the time, first week (1841–50) to the first week 1851, was 5·5 years, and $r = 1{\cdot}01778$; so $r^{5\cdot5} = 1{\cdot}1018 = 1 + \frac{1}{9{\cdot}82}$

Let d be the average deaths in the first, second, or any week of the ten years, then $d + \frac{d}{9{\cdot}82} = d'$, the corrected average applicable to the corresponding week in 1851. For all ordinary cases 10 may be substituted for 9·82.

DEATHS REGISTERED IN THE WEEK IN WORKHOUSES, HOSPITALS, &c.

WORKHOUSES, &c.	M.	F.	T.
1 Paddington [St. Mary]	.	.	.
1 Kensington [Town]	.	.	.
1 Hammersmith [St. Paul]	.	.	.
1 Fulham [Fulham]	1	.	1
2 Chelsea [North West]	.	2	2
2 *St. George Hanover Square* [*Chelsea N.W.*]	.	1	1
3 St. George Hanover Square [May Fair]	.	.	.
4 Westminster [St. Margaret]	1	3	4
5 St. Martin-in-the-Fields [Charing Cross]	.	1	1
6 St. James Westminster [Golden Square]	.	.	.
7 Marylebone [Rectory]	2	4	6
9 *Strand* [*Tottenham Court*]	3	2	5
9 Pancras [Camden Town]	1	5	6
10 Islington [West]	.	1	1
11 Hackney [Hackney]	1	1	2
12 St. Giles [South]	5	1	6
14 Holborn [St. Andrew East]	.	2	2
15 Clerkenwell [St. James]	.	.	.
17 East London [St. Botolph]	1	2	3
18 *East London* [*West London North*]	.	.	.
18 West London [North]	1	3	4
20 Shoreditch [Haggerstone West]	2	3	5
20 *St. Luke* [*Hoxton New Town*]	.	1	1
21 Bethnal Green [The Green]	.	.	.
22 Whitechapel [Mile End New Town]	.	.	.
22 Whitechapel [North]	5	3	8
23 St. George-in-the-East [St. John]	2	3	5
24 Stepney [Shadwell]	.	.	.
24 Stepney [Ratcliff]	1	.	1
24 Stepney [Mile End Old Town Lower]	1	1	2
24 City of London [ditto]	.	1	1
24 Stepney [Limehouse]	.	.	.
25 *London City* [*Bow*]	1	4	5
25 Poplar [Poplar]	.	.	.
26 St. Saviour [Christchurch]	1	.	1
27 St. Olave [St. John Horselydown]	1	.	1
28 Bermondsey [St. Mary Magdalen]	1	1	2
29 St. George Southwark [Borough Road]	1	.	1
30 Newington [St. Peter Walworth]	.	.	.
31 Lambeth [Lambeth Church 2d]	3	2	5
31 Drouet's House for Children [Brixton]	.	.	.
31 Lambeth Workhouse [Norwood]	.	.	.
32 Wandsworth [Battersea]	2	.	2
33 Camberwell [Camberwell]	.	.	.
34 Rotherhithe	.	.	.
35 Greenwich [East]	.	.	.
36 Lewisham [Village]	.	1	1
36 *St. George Southwark, for Children* [*Lewisham Village*]	.	.	.
Total	37	48	85

HOSPITALS.			
Military and Naval Asylums:—			
35 Royal Hospital Greenwich [East] Pensioners	4	.	4
35 Naval School Royal Hospital, Greenwich, Boys	.	.	.
2 Royal Hospital Chelsea [South] Pensioners	1	.	1
2 Royal Military Asylum Chelsea [South] Boys	1	.	1
Total	6	.	6
General Hospitals:—			
3 St. George [Belgrave]	2	.	2
4 Westminster [St. Margaret]	.	.	.
5 Charing Cross [Charing Cross]	.	.	.
7 Middlesex [All Souls]	2	3	5
9 University College [Tottenham Court]	.	.	.
9 Royal Free Hospital [Gray's Inn Lane]	.	.	.
13 King's College [St. Clement Danes]	2	.	2
18 St. Bartholomew [West London North]	5	3	8
22 London [Whitechapel Church]	29	12	41
27 Guy's [St. Olave and St. Saviour]	7	4	11
27 St. Thomas [St. Olave & St. Saviour]	2	2	4
Total	49	24	73
Hospitals for Special Diseases:—			
10 Small Pox [Islington West]	3	1	4
10 Fever [Islington West]	1	1	2
1 Lock [Paddington]	.	.	.
1 Consumption [Brompton]	.	.	.
Total	4	2	6

HOSPITALS—*continued.*	M.	F.	T.
Lying-in Hospitals:—			
7 Queen Charlotte's [St. Mary] Women	.	.	.
7 Queen Charlotte's [St. Mary] Children	.	.	.
12 British [South, St. Giles] Women	.	.	.
12 British [South, St. Giles] Children	.	.	.
16 City of London [City Road] Women	.	.	.
16 City of London [City Road] Children	1	.	1
31 Hospital, York Road [Waterloo 2d part] Women	.	.	.
31 Hospital, York Road [Waterloo 2d part] Children	.	.	.
Total	1	.	1
Lunatic Asylums, &c.:—			
1 Kensington House [Town]	.	.	.
1 Normand House [Fulham]	.	.	.
1 Munster House [Fulham]	.	.	.
1 Otto House [Fulham]	.	.	.
1 Sussex and Brandenburgh House [Fulham]	.	.	.
2 Blacklands House [Chelsea, North-east]	.	.	.
11 Northum. House [Stoke Newington]	.	.	.
11 Whitmore House [West Hackney]	.	.	.
11 Pembroke House [South Hackney]	.	.	.
16 St. Luke [City Road]	.	.	.
20 Miles' [St. Leonard]	.	.	.
21 Warburton's [Bethnal Green]	.	.	.
25 Lunatic Asylum [Bow]	1	1	2
29 Bethlem [London Road]	.	.	.
31 Lunatic Asylum [Brixton]	.	.	.
32 Retreat [Clapham]	.	.	.
32 York House [Battersea]	.	.	.
32 New County [Wandsworth]	.	3	3
33 Peckham House [Camberwell]	.	.	.
33 Camberwell House [Camberwell]	.	.	.
Total	1	4	5
Military and Naval Hospitals:—			
4 Grenadier Guards Hospital [St. John, Westm.]	1	.	1
4 Coldstream Guards Hospital [ditto]	.	.	.
4 Scots Fusilier Guards Hospital [ditto]	.	.	.
35 Royal Ordnance (Woolwich Arsenal)	.	.	.
36 Dreadnought Ship (for Seamen, Greenwich West)	1	.	1
Total	2	.	2
Hospitals and Asylums for Foreigners:—			
11 German Hospital [Hackney]	.	.	.
24 Portuguese Jews Hospital [Mile End Old Town Lower]	.	.	.
Total	.	.	.

PRISONS.			
4 Bridewell [St. Margaret, Westminster]	.	1	1
4 Penitentiary, Millbank [St. John, ditto]	.	.	.
10 Model Prison [Islington West]	.	.	.
15 New Prison [St. James Clerkenwell]	.	.	.
15 Middlesex House of Correction [Amwell]	.	.	.
17 Debtors' Prison Whitecross Street [Cripp.]	.	.	.
18 Newgate [West London North]	.	.	.
18 Giltspur Street Compter [West London N.]	.	.	.
18 Bridewell [West London S.]	.	.	.
29 Queen's Prison [Borough Road]	.	.	.
29 House of Occupations [London Road]	.	.	.
30 Surrey County Gaol [Trinity, Newington]	.	.	.
35 Convict Hulks [Woolwich Arsenal]	.	.	.
35 Hospital Ship, Unité	.	.	.
Total	.	1	1

Workhouses	37	48	85
Military and Naval Asylums	6	.	6
General Hospitals	49	24	73
Hospitals for Special Diseases	4	2	6
Lying-in Hospitals	1	.	1
Lunatic Asylums	1	4	5
Military and Naval Hospitals	2	.	2
Hospitals and Asylums for Foreigners	.	.	.
Prisons	.	1	1
Total in Public Institutions	100	79	179

Meteorological Observations taken at the Royal Observatory, Greenwich, during the Week ending Saturday, 27th December 1851. Under the Superintendence of the Astronomer Royal.

1851. Month and Day.		Phases of the Moon.	Mean daily reading of the Barometer (corrected and reduced to 32 degrees Fahrenheit).	Readings of Thermometers. Dry. High-est.	Dry. Low-est.	Dry. Mean daily value.	Dew Point. Mean daily value.	Highest in the sun, as shown by a self-registering Thermometer, read at 9h. p.m.	Lowest on the grass, as shown by a self-registering Thermometer, read at 9h. a.m.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Highest.	In the Water of the Thames at Greenwich, by self-registering Thermometers, read at 9 o'clock next morning. Lowest.	Difference between the Dew Point Temperature and Air Temperature. Mean daily value.	Great-est.	Least.	Difference between the mean temperature of the day and the mean temperature of the same day on an average of 10 years.	Wind as deduced from Anemometer. Osler's. General Direction. A.M.	P.M.	Pressure in lbs. on the square foot. Great-est.	Least.	Mean of 12 Obs.	Whewell's. Amount of Horizontal Movement of the Air in each day.	Rain in inches, read at 9h. p.m.
December.			in.	°	°	°	°	°	°	°	°	°	°	°	°			lbs.	lbs.	lbs.	Miles.	
Sunday .	21	..	29·556	49·9	44·2	46·5	41·0	50·0	42·3	44·5	41·0	5·5	7·7	3·5	+7·2	S.S.W.	S. & S.W.	9·0	0·0	1·0	165	0·10
Monday .	22	New	29·490	46·1	39·9	43·5	41·0	48·0	37·5	44·5	41·6	2·5	3·7	2·5	+4·5	S.	Calm & N.	0·0	0·0	0·0	150	0·35
Tuesday .	23	Greatest Dec. S.	30·023	44·4	37·9	40·3	36·5	46·5	32·0	44·5	41·6	3·8	5·5	3·3	+1·6	N.	N.	0·0	0·0	0·0	30	0·00
Wednesday	24	..	30·158	42·1	34·9	38·4	33·6	49·0	32·0	44·2	41·5	4·8	6·0	3·8	+0·1	N.E.	Calm	0·0	0·0	0·0	20	0·00
Thursday .	25	..	30·216	39·4	30·1	36·2	30·5	45·5	24·0	44·0	41·4	5·7	7·0	5·3	—1·9	S.E.	Calm	0·0	0·0	0·0	25	0·00
Friday . .	26	..	30·405	41·2	28·9	33·6	27·9	43·0	27·0	43·5	40·6	5·7	9·0	3·9	—4·3	N. & E.	E.	0·0	0·0	0·0	15	0·00
Saturday .	27	..	30·321	36·1	24·9	32·1	24·7	40·0	17·0	42·5	40·5	7·4	8·3	6·8	—5·6	Calm	Calm	0·0	0·0	0·0	25	0·00
Means . .		..	30·024	42·7	34·4	38·7	33·6	46·0	30·3	44·0	41·2	5·1	6·7	4·2	+0·2	Var.		..	..	..	Sum 430	Sum 0·45
No. of Columns		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23

ELECTRICITY.

Sunday . .	No electricity was shown during the week.
Monday. .	
Tuesday .	
Wednesday	
Thursday .	
Friday . .	
Saturday .	

GENERAL REMARKS.

The sky was covered with cloud till 5h. P.M., and the amount was variable during the remainder of the day. Rain fell during the morning and afternoon.

The sky was overcast throughout the day; cirrostratus. Rain fell generally until 7h. P.M. The magnets were disturbed.

Three fourths of the sky were covered during the morning and afternoon, and overcast at night; cirrostratus and haze.

The sky was overcast till noon, generally clear from this time till 5h. P.M., and overcast during the remainder of the day; cumulostratus and cirrostratus.

The sky was for the most part covered with cloud throughout the day.

The sky was cloudless till near noon; during the afternoon the amount of cloud was variable, and clear afterwards; cumulostratus, cirrostratus, and loose clouds.

The sky was overcast throughout the day; cirrostratus.

Cistern of bar. 159 ft. above mean level of sea. Readings coincident with those of R.S.'s flint-glass standard bar. Obs. taken at 9h. A.M.; noon; 3h. P.M.; 9h. P.M. The means of readings in Cols. 4, 7, 8, observed at these times, stand as corrected by Mr. Glaisher from obs. of 5 yrs. ending Dec. 31, 1845 (*Phil. Trans., Pt.* 1, 1848). From values thus obtained, Col. 13 is derived. Col. 7 includes results deduced from max. and min. (self-registering) thermom. with corrections. Readings in Cols. 9, 10, 11, 12 are placed opposite the day which precedes that on which the thermometers are read. The numbers in Cols. 14 and 15 are determined by the use of maximum and minimum thermometers with wettened bulbs. Col. 16 is determined by Mr. Glaisher from observations made at the Royal Observatory, Greenwich, in 10 years ending 1850. In Col. 16, + means *higher*, —*lower* than average. Temp. of Thames is obtained from a self-registering therm. suspended from Dreadnought Hosp. Ship, 2 ft. below the surface (under Lieut. Sanders, R.N., Superintendent). Whewell's anemometer (Col. 22.) is read at 10h. A.M. The result is for 24 hours previous, and is placed opposite the day preceding that on which the reading is taken.

The mean reading of a thermometer placed on the mainmast, and read each day at 9h. A.M., was 38·8°; and the mean reading at 9h. P.M. was 38·1°; the mean readings at the Royal Observatory for the same times were 36·8° and 37·1° respectively.

The reading of the barometer decreased from 29·89 in. at the beginning of the week to 29·43 in. by noon on the 22d; increased to 30·45 in. by 9h. P.M. on the 26th; and decreased to 30·26 in. by the end of the week.

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MONTHLY TABLES

OF

BURIALS, CAUSES OF DEATH, &c., IN GLASGOW.

BY W. PATRICK.

PUBLISHED BY AUTHORITY OF THE MAGISTRATES.

Population, by Census 1851,—347,001.
Do. do. 1841,—282,134.

First Year,] **OCTOBER, 1851.** **[No. VII.**

Parishes.	Burying Ground.	Burials. Oct. 1851.	Oct. 1847.	Oct. 1848.	Oct. 1849.	Oct. 1850.	Oct. Mean, 4 yrs. 1847–50.
City,.....	Cathedral, ...	53	290	116	73	50	132·2
	Blackfriars' and St. David's, ...	11	15	10	7	5	9·2
	St. Andrew's Episcopal Chapel, ...	1	...	1	1	...	·5
	St. Mary's Catholic Chapel, ...	178	113	108	136	129	121·5
	Sighthill, ...	265	193	145	257	212	201·7
Gorbals,	Gorbals, ...	43	111	68	72	54	76·2
	Southern Necropolis, ...	178	148	147	174	148	154·2
Barony,	Merchants' Necropolis, ...	57	35	25	58	34	38·
	Eastern Necropolis, ...	92	6	13	86	54	39·7
	Calton, ...	36	61	32	42	18	38·2
	Bridgeton, ...	10	94	45	18	16	43·2
	Christ's Church Episcopal Chapel,	4	5	1	3	2	2·7
	Toll Cross, ...	19	17	11	19	19	16·5
	Shettleston, ...	3	9	5	4	4	5·5
	Anderston Relief, ...	3	17	7	24	10	14·5
	St. Mark's, ...	...	7	8	4	1	5·
	North Woodside, ...	15	47	27	4	14	23·
	South Woodside, ...	13	50	17	7	9	20·7
	Maryhill, ...	3	6	7	10	4	6·7
	Wellington Street Crypt, ...	2	2	...	...	1	·7
	Total Burials, including Still-born,.....	986	1226	793	999	784	950·5

METEOROLOGICAL OBSERVATIONS MADE AT BRANDON PLACE, BLYTHSWOOD HILL,

By Dr. R. D. Thomson.

Latitude of Glasgow.....55° 51′ 32″
Longitude Do. ..... 4° 17′ 54″
Height of Barometer Cistern above the Level of the Sea, 121 feet.

OCTOBER, 1851.

Week Ending Saturday,	Weight of Air.			Temperature of Air.					Rain in Inches.	Days on which Rain fell.	Prevailing Winds.
	Barometer corrected and reduced to 32 deg.	Elastic force of vapour, in Inches	Vapour in a cubic foot of air, in grains	Dry bulb. Therm.	Wet bulb Therm.	Mean max. and min. Therm.	Mean Temp. adopted.	Mean Temp. Dew Point			
4th October,	29·207	·317	3·62	51°·5	48°·3	52°.5	52°·	45°·1	·25	5	E.
11th "	29·453	·315	3.71	51·9	48·9	50·	50·9	45·8	1·11	6	W.& S.W.
18th "	29·505	·306	3·51	49·5	46·9	49·4	49·4	44·1	·44	6	S.W.
25th "	29·977	·344	3·93	52·2	49·9	52·1	52·1	47·5	·79	2	S.S.E& W.
Monthly Mean, 1st to 31st, inclusive,...	29·584	·304	3·48	50·6	47·3	49·6	50·1	43·9	2·89	19	E, W, SW

The Barometer and Thermometers employed in these Observations have been carefully compared with the standard instruments at Greenwich ; and in this Table the barometrical observations have been corrected for capillarity, index error, and temperature. To the thermometric observations the Greenwich corrections by Mr. Glaisher have likewise been applied, in deducing the mean temperature. The Wind and Rain were registered by Mr. T. R. Gardner, at Ibroxholm. The weeks correspond with the Registrar-General's Tables.

HEALTH OF GLASGOW DURING OCTOBER, 1851.

The mildness of the month of October has been favourable to health. The total number of deaths was 887, exclusive of 99 still-born ; while in September the deaths were 845, showing an increase of 42, a circumstance to be expected at this season. The zymotic diseases, 384, have increased from 350 in September—due to small-pox, 75, the mortality from which, in September, was 46. The rate of mortality from this disease is now 900 annually, or 2·46 ; nearly 2½ children per day ; a fearful fact, requiring immediate attention from the Legislature. Scarlatina, 24, has nearly doubled from 13. Diarrhœa, 80, has diminished from 106. Typhus, 36, has augmented from 27 by one-fourth. Consumption, 131, has rather decreased from 146, a symptom of the genial nature of the weather ; the temperature being about 4°¾ higher than October 1850. Bronchitis, 22, has increased from 17. The violent deaths, 28, have more than doubled from 12 in September ; six of these were by drowning, one by hanging, and two by intemperance. The deaths from age, 43, have increased from 38. The cases not specified were 38.

The height of the Barometer for the month, corrected, was 29·584 inches; that of October, 1850, was 29·647. During the first week it stood at 29·207, with rain every day ; it continued to rise till the third week, when it reached 29·977, with W. and S. S. E. winds, and dry weather. The Barometer was lowest on the first, 28·902, wind E., and highest on the 25th, 30·276, wind W.—the range being 1·374 inch. The mean temperature of the air was 50°·1 ; that of October, 1850, being 45°·3, or 4°·8 colder. The Thermometer stood lowest on the 31st, 35°·5, wind S. S. E. ; and highest on the 12th, 63°·2, wind S. W.—the range being 27°·7 : while in October, 1850, the range was from 31°·3 to 58°·5. The mean highest temperature was 55°·2. The mean lowest temperature 46°·1. The corresponding numbers, in October, 1850, being 50°·8 and 40°—a remarkable contrast in favour of the mildness of the past month. The amount of rain fall was 2·89 inches (Mr. Gardner), 3·04 inches (Mr. R. Hart). The days on which rain fell were nineteen ; thirteen with S. W. and W. winds, three E., one S., and two S. S. E. The greatest fall was .38 inch, on the 19th. The mean rain fall for five succeeding Octobers was 3·27 inches ; the least fall 1·92 inch in October, 1850 ; the greatest fall 5·42 in October, 1847. The Aurora was brilliant on the 2d and 28th.

JAMES MACNAB, PRINTER, 11 MILLER STREET, GLASGOW.

General Register Office:
PUBLISHED BY AUTHORITY OF THE REGISTRAR GENERAL.

SUMMARY OF THE LONDON RETURNS OF MORTALITY,

For the Twelve Years, 1840—1851.

1851—BIRTHS..... Males..... 39,887 Females..... 37,984 } TOTAL..... 77,871.

1851*—POPULATION ..... Males .... 1,111,974 Females.... 1,261,825 } TOTAL .... 2,373,799.

1851—DEATHS .... Males..... 28,096 Females..... 27,258 } TOTAL ..... 55,354.

YEARS	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851
BIRTHS	55763	57342	60240	61097	64329	65884	69882	68331	71265	72662	74317	77871
DEATHS	46281	45284	45272	48574	50423	48332	49089	60442	57628	68432	48579	55354
Excess of BIRTHS over DEATHS	9482	12058	14968	12523	13906	17552	20793	7889	13637	4230	25738	22517
BIRTHS .. Males	28412	29298	30946	31172	32949	33625	35318	34736	36339	37168	37804	39887
BIRTHS .. Females	27351	28044	29294	29925	31380	32259	34564	33595	34926	35494	36513	37984
DEATHS .. Males	23851	22995	22841	24961	25729	24496	24941	30347	29329	34032	24449	28096
DEATHS .. Females	22430	22288	22430	23613	24694	23836	24148	30096	28299	34400	24130	27258
DEATHS at the AGES 0 to 15	21603	20780	21266	23261	24194	22633	22275	26512	26378	30178	21371	26712
DEATHS at the AGES 15 to 60	15351	15167	14886	15397	16246	15838	16726	19961	18667	25091	16365	17999
DEATHS at the AGES 60 and upwards	9249	9266	9093	9750	9887	9806	10031	13915	10401	12979	10583	11363
DEATHS in Groups of DISTRICTS West Districts..	6936	6599	6826	7212	7586	7336	7202	8541	8279	9388	7232	8326
DEATHS in Groups of DISTRICTS North ,, ..	8594	8261	8550	9038	9317	8648	9229	11449	10627	11053	9488	10860
DEATHS in Groups of DISTRICTS Central ,, ..	9108	9333	8873	9547	9272	9158	8779	10943	9798	10846	8256	9474
DEATHS in Groups of DISTRICTS East ,, ..	10063	10004	9947	10960	10954	10640	10635	13442	13139	14847	10337	11819
DEATHS in Groups of DISTRICTS South ,, ..	11580	11087	11076	11817	13294	12550	13244	16067	15785	22298	13266	14884

	Area in Square Miles	Annual Increase of Population per Cent. 1841—51	Population, 1851	Deaths, 1851	*ANNUAL MORTALITY PER CENT. 1845	1846	†1847	1848	1849	1850	1851	Mean of 7 Years	Living to one Death
West Districts. Kensington—Chelsea—St. George, Hanover Square, Westminster—St. Martin-in-the-Fields—St. James ..	16.9	2.49	376,427	8,326	2.259	2.158	2.450	2.361	2.613	1.964	2.206	2.286	44
North Districts. Mary-le-bone—Hampstead—Pancras—Islington—Hackney	21.1	2.67	490,396	10,860	2.101	2.185	2.537	2.338	2.368	1.980	2.208	2.245	45
Central Districts. St. Giles and St. George—Strand—Holborn—Clerkenwell—St. Luke—East London—West London—City of London	2.9	.18	393,256	9,471	2.102	2.292	2.789	2.533	2.791	2.114	2.415	2.477	40
East Districts. Shoreditch—Bethnal Green—Whitechapel—St. George in-the-East—Stepney—Poplar	9.7	1.99	485,522	11,810	2.163	2.414	2.935	2.867	3.176	2.168	2.429	2.636	38
South Districts. St. Saviour—St. Olave—Bermondsey—St. George, Southwark—Newington—Lambeth—Wandsworth—Camberwell—Rotherhithe—Greenwich—Lewisham	71.2	2.08	616,635	14,884	2.376	2.468	3.771	3.719	3.762	2.192	2.410	2.670	37
LONDON	121.8	1.97	2,362,236	55,354	2.326	2.319	2.710	2.583	3.008	2.094	2.340	2.483	40

* The deaths in the districts of Lewisham and Hampstead first appeared in Metropolitan Returns in 1847. For the purpose of comparison they are included in these calculations throughout. The Annual Mortality in this Table is deduced from the Population of 1851, corrected for increase at each year, and the deaths registered in London, in each of the several years, correction being made for the difference between 364 and 365.25636 days.

† The Summary of the Weekly Tables for the Year 1847 contains the deaths during 53 weeks; in this calculation a correction has been made for the difference between 365.25636 and 371 days.

YEARLY AND QUARTERLY METEOROLOGICAL TABLE,

Compiled from the Weekly Tables furnished to the Registrar General by the Astronomer Royal.

1851	Quarters ending	Mean reading of the Barometer, for the year, and for each quarter, reduced to 32° Fahrenheit	THERMOMETERS Highest reading in the year, and in each quarter	Lowest reading in the year, and in each quarter	Mean Mean of the Highest and Lowest readings (one daily) for the year, &c.	Difference in degrees	Mean temperature of the air, for the year and for each quarter	Mean temperature of the Dew point, for the year and for each quarter	Self-Registering Highest in the sun During the year and quarters	Mean for the year and quarters	Lowest on the grass During the year and quarters	Mean for the year and quarters	In the Water of the Thames at Greenwich by the Self-Registering Thermometer read at 9 o'Clock MEAN Of the Highest readings (one daily) for the year and quarters	Of the Lowest readings (one daily) for the year and quarters	Difference between the dew point temperature and air temperature Mean for the year and quarters	Mean of the driest in the year and in quarters	Mean of the least in the year and in quarters	Difference between the mean temperature of the same periods on an average of 7 years (1841—47)	Wind as deduced from Osler's Anemometer General direction	Greatest pressure in the year and in each quarter	Pressure in lbs. on the square foot Mean for the year and for each quarter	From Whewell's Anemometer The mean weekly amount of horizontal movement of the air in the year and in each quarter	Rain in inches in the year and in each quarter
YEARLY		inches 29.881	° 87.0	° 13.5	° 57.9	° 42.3	° 15.6	° 10.4	° 42.8	° 102.0	° 63.3	° 17.0	° 30.6	° 53.0	° 49.9	° 6.6	° 10.8	° 2.7	° −0.2	—	11.0	0.4	miles 684	20.16
Winter quarter	March 29th ..	29.711	58.3	23.7	48.4	36.7	11.7	42.1	37.6	70.0	51.3	17.0	31.5	42.8	30.2	4.5	8.2	1.9	+2.5	—	8.9	0.3	676	4.97
Spring do	June 28th ..	29.834	87.0	28.6	61.5	42.4	19.1	51.0	43.5	102.0	73.1	20.0	34.9	56.4	52.4	7.5	12.8	2.0	−2.3	—	11.0	0.2	671	6.09
Summer do	Sept. 27th ..	29.885	84.4	37.6	71.3	51.3	20.1	60.2	51.6	99.0	80.9	33.5	45.4	64.7	61.6	8.6	13.4	3.6	0.0	—	9.0	0.2	591	3.60
Autumn do	Dec. 27th ..	29.854	70.1	24.3	50.4	39.0	11.4	44.3	38.5	90.0	47.3	17.0	32.7	47.0	43.4	5.8	8.7	3.4	−1.0	—				

* Highest and mean of 11 weeks. † Highest and mean of the first 9 weeks. †* Highest and mean of the last 10 weeks. ‡ Highest and mean of the last 3 weeks.

MEAN TEMPERATURE	47.8°	48.7°	49.6°	49.4°	48.6°	47.6°	51.3°	49.1°	50.2°	49.9°	49.3°	49.4°
CAUSES OF DEATH	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851
	364 Days	364 Days	364 Days	364 Days	364 Days	364 Days	364 Days	371 Days	364 Days	364 Days	364 Days	364 Days
ALL CAUSES	46281	45284*	45272†	48574	50423	48332	49089	60442	57628	68432	48579	55354
SPECIFIED CAUSES	45803	44849	44820	48160	50211	48155	48907	60305	57372	68120	48231	54966
I. ZYMOTIC DISEASES	8399	7909	7729	10046	11189	9504	9596	14030	18113	28313	9875	12652
II. SPORADIC DISEASES— Dropsy, Cancer, and other Diseases of Uncertain or Variable Seat	3285	3085	3078	2917	2871	2551	2124	2367	2265	2329	2270	2323
III. Tubercular Diseases	9387	9431	9282	9501	9485	9226	9779	9948	9267	8982	8839	9823
IV. Diseases of the Brain, Spinal Marrow, Nerves, and Senses	6110	5821	5762	5921	6350	6032	6185	6604	6066	6243	5965	6068
V. Diseases of the Heart and Blood Vessels	907	993	1046	1234	1594	1710	1783	2123	1607	1931	1965	2173
VI. Diseases of the Lungs, and of the other Organs of Respiration	6408	6572	6673	7019	7421	7612	7249	11144	8066	8252	7822	9312
VII. Diseases of the Stomach, Liver, and other Organs of Digestion	3198	3166	3134	3302	3099	3196	3430	3578	3207	3139	2955	3196
VIII. Diseases of the Kidneys, &c.	244	234	323	314	378	481	542	632	614	568	614	603
IX. Childbirth, Diseases of the Uterus, &c.	473	510	445	527	510	585	667	750	450	466	467	444
X. Rheumatism, Diseases of the Bones, Joints, &c.	312	251	260	326	334	343	496	550	355	396	411	403
XI. Diseases of the Skin, Cellular Tissue, &c.	24	18	37	32	25	54	87	95	87	75	87	89
XII. Malformations	45	36	43	84	87	130	192	195	215	171	176	160
XIII. Premature Birth	1105	1114	1148	1032	1018	979	1155	1257	1139	1266	1318	1555
XIV. Atrophy	314	363	457	514	652	744	1187	1401	1278	1342	1146	1314
XV. Age	3471	3373	3346	3541	3237	2959	2241	3132	2168	2239	2149	2334
XVI. Sudden	735	759	870	668	592	532	422	674	590	714	676	516
XVII. Violence, Privation, Cold, and Intemperance	1296	1214	1267	1182	1369	1415	1772	1816	1795	1694	1796	2001
1. Small Pox	1235	1053	360	438	1804	909	257	965	1617	518	498	1066
2. Measles	1132	973	1293	1442	1182	2318	747	1778	1143	1153	977	1322
3. Scarlatina	1954	665	1221	1867	3029	1085	928	1133	4736	2145	1178	1269
4. Hooping Cough	1069	2278	1603	1908	1292	1816	2033	1600	1628	2345	1572	2151
5. Croup	375	391	438	390	411	352	277	295	291	324	307	316
6. Thrush	313	269	246	275	259	246	249	207	209	178	146	168
7. Diarrhœa	452	465	704	834	705	841	2152	1976	1913	3468	1881	2271
8. Dysentery	70	78	151	271	125	99	156	307	334	370	182	170
9. Cholera	60	28	118	85	65	43	228	117	652	14125	127	213
10. Influenza	69	220	78	104	134	78	115	1253	659	127	109	354
11. Purpura and Scurvy	16	12	16	13	21	25	28	89	62	54	43	52
12. Ague	9	15	20	21	28	17	19	33	33	28	18	19
13. Remittent Fever	29	16	17	23	33	32	71	96	96	80	87	122
14. Infantile Fever	22	23	17	25	26	32	55	48	45	36	44	68
15. Typhus	1262	1161	1174	2083	1696	1301	1796	3184	3569	2479	1923	2346
16. Metria, or Puerperal Fever (*see* Childbirth)	..	..	..	..	..	..	..	..	321	258	199	180
17. Rheumatic Fever (*see* Rheumatism)	..	..	..	..	..	..	..	..	59	58	67	66
18. Erysipelas	311	251	235	320	308	347	525	579	419	374	347	521
19. Syphilis	20	29	31	45	56	52	118	128	122	100	122	129
20. Noma or Canker (*see* Mortification)	..	..	..	..	..	13	17	24	24	13	17	29
21. Hydrophobia	1	3	4	2	3	2	1	..	1	..	1	..
22. Hæmorrhage	170	176	179	165	185	153	168	214	176	204	219	180
23. Dropsy	2087	1928	1959	1777	1667	1343	755	958	809	865	779	818
24. Abscess	214	169	136	107	103	64	66	82	98	90	89	90
25. Ulcer	23	24	24	22	27	29	52	81	56	57	53	47
26. Fistula	16	13	12	25	11	16	25	13	18	17	19	24
27. Mortification	269	241	180	224	201	174	159	179	191	171	163	197
28. Cancer	466	473	516	547	624	727	847	788	875	870	889	910
29. Gout	41	61	73	50	53	48	52	61	42	55	59	57
30. Scrofula	107	105	109	141	161	178	307	278	367	354	305	381
31. Tabes Mesenterica	247	261	285	448	462	594	861	990	856	841	762	812
32. Phthisis (or Consumption)	7236	7328	7145	7104	7099	6731	6890	7010	6556	6317	6137	7027
33. Hydrocephalus	1797	1739	1743	1808	1763	1723	1721	1670	1488	1470	1345	1603
34. Cephalitis	615	615	595	596	637	594	613	614	518	550	525	587
35. Apoplexy	875	866	814	925	1143	1133	1278	1310	1238	1250	1326	1250
36. Paralysis	830	751	776	851	895	886	1007	1130	1057	1109	1153	1063
37. Delirium Tremens	85	83	76	95	95	113	153	156	141	164	155	130
38. Chorea	4	6	4	2	13	9	3	5	6	2	13	10
39. Epilepsy	220	181	190	192	220	257	314	374	298	342	286	325
40. Tetanus	26	20	15	17	28	30	19	14	13	24	18	21
41. Insanity	54	43	45	47	73	69	93	112	94	89	94	112
42. Convulsions	2983	2778	2773	2791	2736	2395	2086	2258	2076	2062	1762	2024
43. Disease of Brain, &c.	418	478	474	495	510	566	619	631	625	651	633	596
44. Pericarditis	37	30	33	55	116	96	83	110	121	121	122	138
45. Aneurism	49	36	24	37	41	62	55	71	70	85	80	80
46. Disease of Heart, &c.	911	927	989	1142	1437	1561	1645	1942	1596	1725	1754	1955
47. Laryngitis	26	27	20	44	50	79	121	208	187	102	189	198
48. Bronchitis	497	665	679	809	1172	1686	2431	4343	3030	3243	3282	3992
49. Pleurisy	86	98	75	90	96	127	146	245	176	151	131	189
50. Pneumonia	3776	3668	3923	4224	4054	3896	3151	4290	3499	3593	3108	3684
51. Asthma	1337	1351	1109	1075	1186	1100	802	1350	963	658	726	816
52. Disease of Lungs, &c.	686	768	767	777	853	721	598	708	511	415	386	433
53. Teething	962	913	914	955	726	720	484	567	462	552	499	598
54. Quinsey	73	71	63	96	107	54	54	87	87	82	71	74
55. Gastritis	977	957	996	874	60	61	100	100	95	87	98	103
56. Enteritis					768	646	548	533	467	407	372	363
57. Peritonitis	64	59	64	76	114	157	213	270	263	216	217	217
58. Ascites	43	31	31	60	89	86	105	106	117	106	111	132
59. Ulceration (of Intestines, &c.)	70	74	78	106	68	130	155	129	132	117	95	115
60. Hernia	99	103	93	91	104	96	146	179	144	130	128	138
61. Ileus	68	130	125	103	185	114	144	167	125	122	133	142
62. Intussusception	25	14	8	23	24	35	44	59	46	60	44	39
63. Stricture (of the Intestinal Canal)	27	26	21	22	20	20	38	32	28	33	47	42
64. Disease of Stomach, &c.	251	179	193	271	278	297	377	364	341	301	249	288
65. Disease of Pancreas	1	1	..	..	2	2	4	2	4	1	1	5
66. Hepatitis	59	59	51	72	82	133	218	213	199	174	195	199
67. Jaundice	96	111	106	120	120	117	145	138	138	163	141	166
68. Disease of Liver	388	436	382	426	399	510	641	639	547	578	542	671
69. Disease of Spleen	4	2	9	7	4	9	16	3	12	11	12	13
70. Nephritis	22	26	19	25	22	25	28	24	21	22	28	32
71. Nephria, or Bright's Dis. (*see* Disease of Kidneys)	..	..	..	..	..	..	..	..	152	121	136	136
72. Ischuria	12	7	5	5	2	..	7	13	8	10	10	14
73. Diabetes	15	18	20	18	23	44	24	33	43	40	45	41
74. Stone	26	17	20	11	27	38	31	43	30	30	31	26
75. Cystitis	14	12	19	13	15	17	24	34	35	40	31	26
76. Stricture of Urethra	16	15	40	44	59	56	52	50	56	37	46	47
77. Disease of Kidneys, &c. (*see* Nephria)	139	139	200	198	230	301	376	436	267	285	287	281
78. Paramenia	10	10	11	16	4	17	17	17	12	16	11	8
79. Ovarian Dropsy	11	18	14	25	25	28	51	47	44	50	60	46
80. Childbirth (*see* Metria)	345	345	321	378	350	402	446	509	250	244	244	231
81. Disease of Uterus, &c.	107	137	99	113	131	138	153	177	144	166	162	159
82. Arthritis	3	2	..	6	3	10	8	13	4	6	8	12
83. Rheumatism	137	120	119	124	132	143	270	267	200	212	228	213
84. Disease of Joints, &c.	172	129	101	126	199	190	218	270	142	177	175	178
85. Carbuncle	2	1	5	6	5	9	3	15	20	15	19	19
86. Phlegmon	7	5	3	2	5	10	31	31	23	28	26	24
87. Disease of Skin, &c.	15	12	20	24	15	35	53	49	44	37	42	46
XII.—XVI. *See above.*												
88. Intemperance	22	30	22	31	42	67	90	76	57	61	74	67
89. Privation	21	36	20	30	26	19	31	62	39	46	23	28
90. Want of Breast Milk	..	..	..	..	..	..	..	..	171	176	180	252
91. Neglect	..	..	..	..	..	..	..	..	8	7	5	6
92. Cold	..	..	..	..	..	..	..	..	4	5	3	6
93. Poison									103	82	93	86
94. Burns and Scalds									212	218	244	252
95. Hanging and Suffocation									156	144	229	210
96. Drowning	1253	1148	1225	1118	1301	1329	1651	1678	315	276	262	287
97. Fractures and Contusions									664	513	549	642
98. Wounds									130	96	76	119
99. Other Violence									46	64	58	87
‡ Causes not Specified	478	435	452	414	212	177	162	137	256	306	348	388

	1851	Average
POPULATION	2,264,651	2,315,415

Males ..... 1,106,558 Females .... 1,255,678 } Total.... 2,362,236

* The sex of one person was not stated. † The sex of one person was not stated.

‡ This Table is drawn up from the Weekly Returns. It sometimes occurs that some of these are not received at the General Register Office on Monday in time for publication, owing to accidental detention or other cause. In such a case an average is derived from previous weeks and inserted in place of the true number, under the head of "*Causes Not specified.*" In consequence of this arrangement, deaths of which the causes are not registered, appear in the above Table to be in much greater number than they really are. When the true numbers and causes are ascertained, they are incorporated with other deaths under their proper heads, in the more complete Abstracts of Diseases and Ages, which are published in the Annual Reports.

*PUBLIC INSTITUTIONS OF LONDON.

		NUMBER OF INMATES 1851 Mar. 31	June 30	Sept. 30	Dec. 31	Average	NUMBER OF DEATHS 1851 Quarters ending Mar.	June	Sep.	Dec.	Total	Annual Mortality per Cent of average number of Inmates
† WORKHOUSES, &c.												
1	Paddington ..... St. Mary	215	218	191	213	209	11	4	2	5	22	10.58
1	Kensington ..... Town	269	235	235	260	250	11	11	7	11	40	16.00
1	Fulham ..... Fulham	410	332	354	422	380	7	12	14	15	48	12.63
1	Chelsea ..... North West	377	287	314	387	341	30	17	13	34	94	27.57
2	*St. George, Hanover Square* ..... *Chelsea, North West*	654	570	599	611	609	32	26	32	25	115	18.88
3	St. George, Hanover Square .. May Fair	594	544	548	606	573	46	38	31	34	149	26.00
4	Westminster ..... St. Margaret	635	549	524	596	576	27	23	20	25	95	16.49
5	St. Martin-in-the-Fields ..... Charing Cross	613	545	526	545	557	28	26	20	31	105	18.85
6	St. James, Westminster ..... Golden Square	1708	1636	1610	1738	1648	155	108	110	120	493	29.92
7	Marylebone ..... Rectory	485	411	446	523	46	32	30	23	28	113	24.25
8	*Strand* ..... *Tottenham Court*	1255	1150	1125	1310	1210	103	61	82	70	316	26.12
9	Pancras ..... Camden Town	340	293	293	336	316	29	27	22	25	103	32.59
10	Islington ..... West	398	366	369	397	383	11	18	15	8	52	13.58
11	Hackney ..... Hackney	768	653	650	779	713	103	73	63	67	306	42.92
12	St Giles ..... South	697	579	521	645	611	55	55	22	38	170	27.82
14	Holborn ..... St. Andrew East	410	377	383	422	398	23	21	18	22	84	21.11
16	Clerkenwell ..... St. James	360	306	321	362	337	31	27	30	23	111	32.94
17	East London ..... St. Botolph	178	162	161	170	163	13	15	11	18	57	34.97
18	*East London* ..... *West London North*	444	366	375	412	399	22	17	12	23	74	18.55
18	West London ..... North	702	667	684	701	689	66	50	44	53	203	29.46
20	Shoreditch ..... Haggerstone West	510	418	402	461	448	37	21	24	32	114	25.45
21	*St. Luke* ..... *Hoxton New Town*	708	641	640	709	672	26	19	19	14	78	11.61
21	Bethnal Green ..... The Green	387	369	353	377	372	6	9	3	13	31	8.33
22	Whitechapel ..... Mile End New Town..	625	502	527	624	570	123	55	45	76	299	52.46
22	Whitechapel ..... North	724	649	647	717	684	25	37	23	42	127	18.57
23	St. George-in-the-East ..... St. John	322	296	267	310	299	22	19	18	21	80	26.76
24	Stepney ..... Shadwell	254	240	255	260	252	21	8	6	11	46	18.25
24	Stepney ..... Ratcliff	212	189	186	206	198	20	17	14	27	78	39.39
24	Stepney ..... Mile End Old Town Lower	383	374	367	368	373	3	4	2	1	10	2.68
24	Stepney ..... Limehouse	779	758	780	788	776	30	30	31	40	131	16.88
25	*London, City* ..... *Bow*	544	432	460	520	489	15	28	15	20	78	15.95
25	Poplar ..... Poplar	420	409	390	413	408	38	19	21	20	98	24.02
26	St. Saviour ..... Christchurch	411	320	344	389	359	19	14	17	16	66	18.11
27	St. Olave ..... St. John, Horsleydown	621	538	526	581	564	23	23	19	32	97	17.20
28	Bermondsey ..... St. Mary Magdalen ..	418	331	366	425	385	31	36	28	47	142	36.62
29	St. George, Southwark ..... Borough Road	376	340	354	411	370	24	23	20	15	82	22.16
30	Newington ..... St. Peter, Walworth ..	577	504	540	553	543	77	69	65	56	267	29.67
31	Lambeth ..... Norwood	429	378	390	431	407	21	12	17	17	67	18.98
32	Wandsworth ..... Battersea	374	329	337	372	353	18	11	17	12	58	16.96
33	Camberwell ..... Camberwell	380	322	304	360	342	6	8	5	8	27	13.37
34	Rotherhithe ..... Rotherhithe	219	193	191	206	202	6	8	5	8	27	13.37
35	Greenwich ..... East	1036	1020	1009	1100	1041	42	42	40	32	156	14.99
36	Lewisham ..... Village	159	143	142	148	148	3	12	6	6	27	18.24
	Total	22776	20142	20298	22525	21435	1457	1169	1047	1246	4919	22.95
HOSPITALS.												
	Military and Naval Asylums:—											
35	Royal Hospital, Greenwich, East, Pensioners	2574	2554	2530	2508	2542	71	74	97	63	305	12.00
35	Naval School, Royal Hospital, Greenwich, Boys	791	793	775	783	786	2	..	..	..	2	.25
2	Royal Hospital, Chelsea, South, Pensioners	567	575	573	671	572	20	16	12	20	69	12.06
2	Royal Military Asylum, Chelsea, Boys	430	422	429	393	419	...	...	..	2	2	.48
	Total	4362	4344	4307	4255	4317	93	90	110	85	378	8.76
	General Hospitals:—											
3	St. George ..... Belgrave	293	277	244	285	275	69	72	47	67	255	92.73
4	Westminster ..... St. Marga